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MACEWAN UNIVERSITY 2024-2025 ACADEMIC CALENDAR

Academic Year	Calendar Edition	Terms	Applicable Dates
2023 - 2024 (Current Academic Calendar)	2023 - 2024	Fall 2023, Winter 2024, Spring/ Summer 2024	September 1, 2023 - August 31, 2024
2024 - 2025 (Next Academic Calendar) You are here.	2024 - 2025	Fall 2024, Winter 2025, Spring/ Summer 2025	September 1, 2024 - August 31, 2025

PRESIDENT'S MESSAGE

Welcome to MacEwan University!

We are delighted that you have chosen to pursue your undergraduate education within our vibrant university community in the heart of downtown Edmonton.

At MacEwan, we are committed to Teaching Greatness. The faculty who shape your experience in the classroom are not only experts and leaders in their fields; they also care about your success. Teaching Greatness isn't just about the people who teach. It's also about the people who learn. It's about helping you discover your greatness so you can follow your dreams and create the future you envision for yourself.

Regardless of which of our 65 degree, diploma or certificate programs you choose, the relationships you develop as you work towards your goal will enhance your time at MacEwan. I hope you'll take full advantage of the MacEwan experience and seek opportunities to make valuable connections with faculty, staff and fellow students. Join a student group, attend events, explore our services, participate in intramural sports, volunteer and pursue real-world learning experiences.

Whatever path you choose, our MacEwan community has a lot to offer. Get ready for an incredible university experience. We're so glad you're here.

Dr. Annette Trimbee

President & Vice-Chancellor

List of Executives

Senior Executives

President and Vice-Chancellor
Dr. Annette Trimbee

Provost and Vice-President Academic
Dr. Craig Monk

Vice-President University Relations
Lara McClelland

Vice-President Finance and Administration & CFO
Maureen Lomas

General Counsel
Jason Fung

Deans

Dean, Faculty of Arts and Science
Dr. Melike Schalomon

Dean, Faculty of Fine Arts and Communications
Dr. Allan Gilliland

Dean, Faculty of Health and Community Studies
Dr. David Danto

Dean, Faculty of Nursing
Dr. Christy Raymond

Dean, School of Business
Dr. Richard Perlow

Dean, School of Continuing Education
Dr. Lisa Rochman

Dean, Library
Karen Keiller

Academic Associate Vice-Presidents

Associate Vice-President, Planning & Analysis and Registrar
Dr. David McLaughlin

Associate Vice-President, Research, and Vice-Provost
Dr. Craig Kuziemsky

Associate Vice-President, Students
Tim Tang

ABOUT MACEWAN

MacEwan University is a board-governed, public post-secondary institution that operates under the authority of the Post-Secondary Learning Act.

MacEwan University inspires its students with a powerful combination of academic excellence and personal learning experiences. We provide a transformative education in a creative, collaborative and supportive learning environment.

We are an engaged university at the heart of the city where creativity and innovation thrive, and a unique student experience opens up diverse pathways for achievement and growth.

- Disclaimer and Important Notice (p. 9)
- Institutional Learning Outcomes (p. 9)
- Course Instruction Modes (https://www.macewan.ca/apply-enrol/using-mystudentsystem/#ManageClasses)

Disclaimer and Important Notice

MacEwan University makes every effort to ensure accuracy in all university publications. However, if there is inconsistency with the information as published and that which resides in official university policy, the official university policy will prevail. Further, MacEwan University reserves the right to make changes in the information provided within this academic calendar without prior notice.

The Programs of Study listed in this academic calendar are available for the intake year for which the academic calendar applies. Further, the University reserves the right to change the content or structure of a Program of Study, and reasonable attempts will be made to notify active program students.

MacEwan University also reserves the right to update course content, prerequisites and co-requisites without prior notice. In addition, not every course listed in the academic calendar will be offered every year. Further, MacEwan University reserves the right to implement new policies, regulations and procedures which may not be available at time of publication; those new policies, regulations and procedures will take effect as of the date of approval by the applicable decision-maker.

MacEwan University reserves the right to modify or replace the method of delivery for any course, including a temporary or permanent suspension of in-person learning in favour of virtual or online learning where the University determines that the delivery of in-person learning presents a risk to the health or safety of MacEwan University or to a member of the MacEwan University community, or for any other reason as determined by MacEwan University.

MacEwan University will not be liable to anyone who may suffer any loss, damage or other expense of any type arising from any changes to this academic calendar or University policy, nor from any loss, damage or expense arising from an interruption in, delays in, change in the method of delivery, or termination of the services, courses, or classes by reason of force majeure, pandemics, public health emergencies, fire, flood, riots, war, strikes, lockouts, job action, damage to University property, computer system failures, building failures, financial exigency, or any events beyond the reasonable control of the University.

Students are responsible for informing themselves on matters related to admission, program and graduation requirements, and other academic matters including policies, regulations and procedures. Students are also responsible for ensuring the accuracy and completeness of their enrolment, and are strongly encouraged to consult with and to seek advice on academic and program planning matters from program and discipline advisors.

By the act of applying to a program and/or enrolment into courses, each student agrees to be bound by the policies and procedures of the University and the contents of this academic calendar.

Institutional Learning Outcomes

Upon completion of their programs at MacEwan University, students should be able to:

1. Demonstrate integrity in scholarly, career, and professional practice.
2. Assess their own skills, knowledge, and attitudes.
3. Collaborate effectively with others toward fulfillment of a vision, goal, initiative, or project.
4. Critically evaluate and use information from a variety of sources in pursuit of knowledge.
5. Solve problems through progressively more challenging research, scholarly, or creative activities.
6. Communicate effectively and respectfully through a variety of media and in a range of contexts.

7. Contribute to strengthening communities locally, nationally, and internationally.
8. Demonstrate cultural mindfulness including a sense of respect for Indigenous peoples.
9. Apply ethical and sustainable practices towards social, cultural, environmental, and economic well-being.

Approved March 22, 2021 by the General Faculties Council.

ACADEMIC SCHEDULE

The university's academic schedule is the backbone of a student's life. Deadlines for payment and adding and dropping courses, schedules for registering in courses, application for graduation, holiday dates and other important information for the entire academic year is outlined in the schedule. It is your responsibility to be aware of these dates and deadlines—keeping on top of them will help make your experience at MacEwan University a smooth one.

Current Academic Schedule
2023-2024 Academic Schedule (p. 13)

Next Academic Schedule
2024-2025 Academic Schedule (p. 15)

Tentative Future Academic Schedule(s)
Tentative 2025-2026 Academic Schedule (p. 17)
Tentative 2026-2027 Academic Schedule (p. 19)
Tentative 2027-2028 Academic Schedule (p. 21)

The Office of the University Registrar prepares academic schedules based on the Academic Schedule Regulations (https://calendar.macewan.ca/previous-calendars/2021-2022/pdf/our_academic_sced_regulations.pdf) (approved by General Faculties Council – motion GFC-05-09-23-2019).

Academic Schedule Regulations

The following regulations ensure consistency and transparency by guiding the creation of the academic schedule. Continuing Education offering are excluded from the Academic Schedule.

1. **Terms**

1.1 The MacEwan University academic year runs from September 1 to August 31 and is divided into 3 equal 4-month terms as follows:

1.1.1 Fall Term: September to December
1.1.2 Winter Term: January to April
1.1.3 Spring/Summer Term: May to August

1.2 Each term ends on the last University working day of the term.

2. **Fall and Winter Term**

2.1 First day of classes for the Fall term will be the Wednesday following Labour Day. 2.2 The first day of the Winter term will not be before January 3.
2.3 The last day to drop or add regular session term classes shall be the 8th day of classes.
2.4 The last day to pay regular session fees without penalty shall be the last working day of the first month of the term.
2.5 The last day of the regular session instructional period is the last day to withdraw from regular session classes without academic penalty. Clinical, field and performance placements may continue into the exam period if necessary.

3. **Spring/Summer**

3.1 Spring/Summer term short sessions will have an instructional period of either 3 or 7 weeks in length, followed by a 1- or 2-day exam period, respectively.
3.2 The 3-week sessions shall be contained within a single calendar month.
3.3 The 7-week sessions shall begin in May and July.
3.4 The last day to drop or add shall be the third day of classes for a 3-week short session, and the fifth day of classes for a 7-week short session.
3.5 The last day to pay fees shall be the fifth working day of the session for the 3-week short session, and the tenth working day of the session for the 7-week short session.
3.6 The last day of the short session instructional period is the last day to withdraw from the respective short session classes without academic penalty.
Academic Schedule Regulations – Updated June 17, 2022

4. **Contact Hours**

4.1 A standard course is defined as a course with instruction equivalent to a course offered one hour a day, three times a week, over 12 or 13 weeks.
4.2 Standard courses shall have no less than 36 scheduled hours of instruction followed by an exam period of 8 or 9 days for the Fall and Winter terms, and 1 to 2 days in the Spring/Summer term.
4.3 Neither instructional breaks of 3 or more consecutive days (e.g. Reading Week) nor statutory holidays shall be counted towards the scheduled hours of instruction.
4.4 The difference in contact hours between standard courses will be minimized and not exceed three hours.

5. **Term Breaks**

5.1 Fall and Winter terms shall have reading breaks.
5.2 Fall Reading Break shall coincide with the November 11 statutory Remembrance Day holiday. Thus, Fall Reading Break shall constitute the statutory holiday plus 4 weekdays in the same week, creating a reading break of 5 weekdays in total.
5.3 Winter Reading Break shall coincide with the Alberta provincial Family Day holiday. Thus, Winter Reading Break shall constitute the holiday plus the following 4 weekdays, creating a reading break of 5 weekdays in total.

6. **Grades**

6.1 Faculty will have at least 5 calendar days after the final exam, not ending on a weekend, to submit final grades, unless the time from the final exam to the end of term is less than 5 days, in which case article 6.2 applies.
6.2 In any case, the last day to submit grades will be on or before the end of term, as defined in 1.2.

7. **Approval of the Academic Schedule**

7.1 The Office of the University Registrar (OUR), drafts, reviews and recommends academic schedules, which represent significant academic deadlines and events (e.g. first day of regular session classes, last day for regular session registration, last day to submit grades, convocation dates).
7.2 Deans' Council will provide consultation and feedback on the draft academic schedule.
7.3 At the September General Faculties Council (GFC) meeting the GFC Executive Committee shall present the academic schedule for the next academic year for final approval, and it will also present tentative schedules for an additional three years.
Academic Schedule Regulations – Updated June 17, 2022

7.4 Once final approval has been received from GFC, other than to correct typos or grammatical errors, the academic schedule cannot be changed without 30 days' notice and GFC's approval.
7.5 The tentative academic schedules serve to guide future planning and as notice of schedules which will, in turn, be presented for final approval in September. The OUR shall, within these regulation and due consideration to stakeholder input as well as academic and administrative needs, adjust tentative schedules in anticipation of final approval or presentation.

Approved by General Faculties Council September 23, 2019 (motion GFC-05-09-23-2019)
Updated by General Faculties Council June 17, 2022 (MOTION#GFC-05-17-06-2022)

2023-2024 Academic Schedule
September 1, 2023 to August 31, 2024

Fall 2023 and Winter 2024 Terms

Important Dates/Deadlines	Fall	Winter
New Student Orientation.	Sep 5	Jan 2
Regular Session classes begin.[1]	Sep 6	Jan 3
Waitlists closed.	Sep 8	Jan 5
Students removed from Waitlists.	Sep 12	Jan 9
Last day to apply for Fall Convocation.	Sep 15	
Last day to add or drop Regular Session classes. No tuition and fee adjustments after this date.	Sep 15	Jan 12
Deadline for payment of Regular Session tuition and fees.[2]	Sep 29	Jan 31
National Day for Truth and Reconciliation. No Regular Session classes.	Oct 2	
Fall Convocation.	Nov	
Reading Break. No Regular Session classes.	Nov 14-17	Feb 20-23
Last day of classes. Last day to withdraw from Regular Session classes without academic penalty.	Dec 8	Apr 8
Final Exams.[3]	Dec 10-17	Apr 10-18
Last day to apply for Spring Convocation.		Apr 15
Session grades due.	Dec 22	Apr 23

Spring/Summer 2024 Term

Important Dates/ Deadlines	May Session	June Session	Spring Session [4]	July Session	August Session	Summer Session[4]	Regular Session[4]
Start of classes.[1]	May 1	Jun 3	May 1	Jul 2	Aug 1	Jul 2	May 1
Waitlists closed.	May 1	Jun 3	May 3	Jul 2	Aug 1	Jul 4	May 8
Students removed from Waitlist.	May 2	Jun 4	May 6	Jul 3	Aug 2	Jul 5	May 9
Last day to add or drop classes. No refunds after this date.	May 3	Jun 5	May 7	Jul 4	Aug 6	Jul 9	May 10
Deadline for payment of tuition and fees.[2]	May 7	Jun 7	May 10	Jul 8	Aug 8	Jul 11	May 31
Spring Convocation.							June
Last day of classes. Last day to withdraw from classes without academic penalty.[2]	May 17	Jun 19	Jun 18	Jul 18	Aug 20	Aug 19	Aug 6
Final Exams.[3,5]	May 21	Jun 21	Jun 20-21	Jul 22	Aug 22	Aug 21-22	Aug 8–9
Session grades due.	May 26	Jun 24	Jun 26	Jul 27	Aug 27	Aug 27	Aug 14

1

Not all classes follow the session dates listed on this schedule.

2

Outstanding balances are subject to interest charges.

3

Classes without final exams may be scheduled into the exam period.

4

Spring Session classes run May through June, Summer Session classes run July through August, and Regular Session classes run May through August.

5

For Spring/Summer term, final exam dates for students enrolled in distance/online courses may differ from this schedule.

2023-2024 Holidays Observed

Date	University Closed
Sep 4, 2023	Labour Day
Oct 9, 2023	Thanksgiving Day
Nov 13, 2023	Remembrance Day Observed
Dec 25, 2023	Christmas Day
Dec 26-31, 2023	University Closed
Jan 1, 2024	New Year's Day
Feb 19, 2024	Family Day
Mar 29, 2024	Good Friday
Apr 1, 2024	Easter Monday
May 20, 2024	Victoria Day
Jul 1, 2024	Canada Day
Aug 5, 2024	Heritage Day

2024-2025 Academic Schedule
September 1, 2024 to August 31, 2025

Fall 2024 and Winter 2025 Terms

Important Dates/Deadlines	Fall	Winter
New Student Orientation.	Sep 3	Jan 3
Regular Session classes begin.[1]	Sep 4	Jan 6
Waitlists closed.	Sep 6	Jan 8
Students removed from Waitlists.	Sep 10	Jan 10
Last day to add or drop Regular Session classes. No tuition and fee adjustments after this date.	Sep 13	Jan 15
Last day to apply for Fall Convocation.	Sep 15	
Deadline for payment of Regular Session tuition and fees.[2]	Sep 30	Jan 31
National Day for Truth and Reconciliation. No Regular Session classes.	Sep 30	
Fall Convocation.	TBD	
Reading Break. No Regular Session classes.	Nov 12-15	Feb 18-21
Last day of classes. Last day to withdraw from Regular Session classes without academic penalty.	Dec 9	Apr 4
Final Exams.[3]	Dec 11-19	Apr 7-15
Last day to apply for Spring Convocation.		Apr 15
Session grades due.	Dec 24	Apr 25

Spring/Summer 2025 Term

Important Dates/ Deadlines	May Session	June Session	Spring Session [4]	July Session	August Session	Summer Session[4]	Regular Session[4]
Session classes begin.[1]	May 1	Jun 2	May 1	Jul 2	Aug 1	Jul 2	May 1
Waitlists closed.	May 1	Jun 2	May 5	Jul 2	Aug 1	Jul 4	May 8
Students removed from Waitlist.	May 2	Jun 3	May 6	Jul 3	Aug 5	Jul 7	May 9
Last day to add or drop classes. No tuition and fee adjustments after this date.	May 5	Jun 4	May 7	Jul 4	Aug 6	Jul 8	May 12
Deadline for payment of tuition and fees.[2]	May 7	Jun 6	May 14	Jul 8	Aug 8	Jul 15	May 30
Spring Convocation.							TBD
Last day of classes. Last day to withdraw from classes without academic penalty.[2]	May 20	Jun 18	Jun 18	Jul 18	Aug 20	Aug 19	Aug 6
Final Exams.[3,5]	May 22	Jun 20	Jun 20,23	Jul 21	Aug 22	Aug 21-22	Aug 8,11
Session grades due.	May 27	Jun 25	Jun 30	Jul 28	Aug 27	Aug 27	Aug 18

1

Not all classes follow the session dates listed on this schedule.

2

Outstanding balances are subject to interest charges.

3

Classes without final exams may be scheduled into the exam period.

4

Spring Session classes run May through June, Summer Session classes run July through August, and Regular Session classes run May through August.

5

For Spring/Summer term, final exam dates for students enrolled in distance/online courses may differ from this schedule.

2024-2025 Holidays Observed

Date	University Closed
Sep 2, 2024	Labour Day
Oct 14, 2024	Thanksgiving Day
Nov 11, 2024	Remembrance Day
Dec 25, 2024	Christmas Day
Dec 26–31, 2024	University Closed
Jan 1, 2025	New Year's Day
Feb 17, 2025	Family Day
Apr 18, 2025	Good Friday
Apr 21, 2025	Easter Monday
May 19, 2025	Victoria Day
Jul 1, 2025	Canada Day
Aug 4, 2025	Heritage Day

Tentative 2025-2026 Academic Schedule
September 1, 2025 to August 31, 2026

Fall 2025 and Winter 2026 Terms

Important Dates/Deadlines	Fall	Winter
New Student Orientation.	Sep 2	Jan 2
Regular Session classes begin.[1]	Sep 3	Jan 5
Waitlists closed.	Sep 5	Jan 7
Students removed from Waitlists.	Sep 9	Jan 9
Last day to add or drop Regular Session classes. No tuition and fee adjustments after this date.	Sep 12	Jan 14
Last day to apply for Fall Convocation.	Sep 15	
Deadline for payment of Regular Session tuition and fees.[2]	Sep 29	Jan 30
National Day for Truth and Reconciliation. No Regular Session classes.	Sep 30	
Fall Convocation.	TBD	
Reading Break. No Regular Session classes.	Nov 10-14	Feb 17-20
Last day of classes. Last day to withdraw from Regular Session classes without academic penalty.	Dec 9	Apr 10
Final Exams.[3]	Dec 11-19	Apr 13-21
Last day to apply for Spring Convocation.		Apr 15
Session grades due.	Dec 24	Apr 27

Spring/Summer 2026 Term

Important Dates/ Deadlines	May Session	June Session	Spring Session [4]	July Session	August Session	Summer Session[4]	Regular Session[4]
Session classes begin.[1]	May 1	Jun 1	May 1	Jul 2	Aug 4	Jul 2	May 1
Waitlists closed.	May 1	Jun 1	May 5	Jul 2	Aug 4	Jul 6	May 8
Students removed from Waitlist.	May 4	Jun 2	May 6	Jul 3	Aug 5	Jul 7	May 11
Last day to add or drop classes. No tuition and fee adjustments after this date.	May 5	Jun 3	May 7	Jul 6	Aug 6	Jul 8	May 12
Deadline for payment of tuition and fees.[2]	May 7	Jun 5	May 14	Jul 8	Aug 10	Jul 15	May 29
Spring Convocation.							TBD
Last day of classes. Last day to withdraw from classes without academic penalty.[2]	May 20	Jun 17	Jun 18	Jul 20	Aug 20	Aug 19	Aug 6
Final Exams.[3,5]	May 22	Jun 19	Jun 22,23	Jul 22	Aug 24	Aug 21,24	Aug 10,11
Session grades due.	May 27	Jun 24	Jun 29	Jul 27	Aug 31	Aug 31	Aug 17

1

Not all classes follow the session dates listed on this schedule.

2

Outstanding balances are subject to interest charges.

3

Classes without final exams may be scheduled into the exam period.

4

Spring Session classes run May through June, Summer Session classes run July through August, and Regular Session classes run May through August.

5

For Spring/Summer term, final exam dates for students enrolled in distance/online courses may differ from this schedule.

2025-2026 Holidays Observed

Date	University Closed
Sep 1, 2025	Labour Day
Oct 13, 2025	Thanksgiving Day
Nov 11, 2025	Remembrance Day
Dec 25, 2025	Christmas Day
Dec 26–31, 2025	University Closed
Jan 1, 2026	New Year's Day
Feb 16, 2026	Family Day
Apr 3, 2026	Good Friday
Apr 6, 2026	Easter Monday
May 18, 2026	Victoria Day
Jul 1, 2026	Canada Day
Aug 3, 2026	Heritage Day

Tentative 2026-2027 Academic Schedule
September 1, 2026 to August 31, 2027

Fall 2026 and Winter 2027 Terms

Important Dates/Deadlines	Fall	Winter
New Student Orientation.	Sep 8	Jan 5
Regular Session classes begin.[1]	Sep 9	Jan 6
Waitlists closed.	Sep 11	Jan 8
Students removed from Waitlists.	Sep 15	Jan 12
Last day to apply for Fall Convocation.	Sep 15	
Last day to add or drop Regular Session classes. No tuition and fee adjustments after this date.	Sep 18	Jan 15
Deadline for payment of Regular Session tuition and fees.[2]	Sep 30	Jan 29
National Day for Truth and Reconciliation. No Regular Session classes.	Sep 30	
Fall Convocation.	TBD	
Reading Break. No Regular Session classes.	Nov 9-13	Feb 16-19
Last day of classes. Last day to withdraw from Regular Session classes without academic penalty.	Dec 11	Apr 12
Final Exams.[3]	Dec 13-20	Apr 14-22
Last day to apply for Spring Convocation.		Apr 15
Session grades due.	Dec 24	Apr 27

Spring/Summer 2027 Term

Important Dates/ Deadlines	May Session	June Session	Spring Session [4]	July Session	August Session	Summer Session[4]	Regular Session[4]
Session classes begin.[1]	May 3	Jun 1	May 3	Jul 2	Aug 3	Jul 2	May 3
Waitlists closed.	May 3	Jun 1	May 5	Jul 2	Aug 3	Jul 6	May 10
Students removed from Waitlist.	May 4	Jun 2	May 6	Jul 3	Aug 4	Jul 7	May 11
Last day to add or drop classes. No tuition and fee adjustments after this date.	May 5	Jun 3	May 7	Jul 6	Aug 5	Jul 8	May 12
Deadline for payment of tuition and fees.[2]	May 7	Jun 7	May 14	Jul 8	Aug 9	Jul 15	May 31
Spring Convocation.							TBD
Last day of classes. Last day to withdraw from classes without academic penalty.[2]	May 19	Jun 17	Jun 18	Jul 20	Aug 19	Aug 19	Aug 6
Final Exams.[3,5]	May 21	Jun 21	Jun 21-22	Jul 22	Aug 23	Aug 23-24	Aug 9-10
Session grades due.	May 27	Jun 26	Jun 28	Jul 27	Aug 30	Aug 30	Aug 16

1

Not all classes follow the session dates listed on this schedule.

2

Outstanding balances are subject to interest charges.

3

Classes without final exams may be scheduled into the exam period.

4

Spring Session classes run May through June, Summer Session classes run July through August, and Regular Session classes run May through August.

5

For Spring/Summer term, final exam dates for students enrolled in distance/online courses may differ from this schedule.

2026-2027 Holidays Observed

Date	University Closed
Sep 7, 2026	Labour Day
Oct 12, 2026	Thanksgiving Day
Nov 11, 2026	Remembrance Day
Dec 25, 2026	Christmas Day
Dec 26–31, 2026	University Closed
Jan 1, 2027	New Year's Day
Feb 15, 2027	Family Day
Mar 26, 2027	Good Friday
Mar 29, 2027	Easter Monday
May 24, 2027	Victoria Day
Jul 1, 2027	Canada Day
Aug 2, 2027	Heritage Day

Tentative 2027-2028 Academic Schedule
September 1, 2027 to August 31, 2028

Fall 2027 and Winter 2028 Terms

Important Dates/Deadlines	Fall	Winter
New Student Orientation.	Sep 7	Jan 4
Regular Session classes begin.[1]	Sep 8	Jan 5
Waitlists closed.	Sep 10	Jan 7
Students removed from Waitlists.	Sep 14	Jan 11
Last day to apply for Fall Convocation.	Sep 15	
Last day to add or drop Regular Session classes. No tuition and fee adjustments after this date.	Sep 17	Jan 14
Deadline for payment of Regular Session tuition and fees.[2]	Sep 29	Jan 31
National Day for Truth and Reconciliation. No Regular Session classes.	Sep 30	
Fall Convocation.	TBD	
Reading Break. No Regular Session classes.	Nov 8-12	Feb 22-25
Last day of classes. Last day to withdraw from Regular Session classes without academic penalty.	Dec 8	Apr 4
Final Exams.[3]	Dec 10-18	Apr 6-13
Last day to apply for Spring Convocation.		Apr 15
Session grades due.	Dec 24	Apr 24

Spring/Summer 2028 Term

Important Dates/ Deadlines	May Session	June Session	Spring Session [4]	July Session	August Session	Summer Session[4]	Regular Session[4]
Session classes begin.[1]	May 1	Jun 1	May 1	Jul 4	Aug 1	Jul 4	May 1
Waitlists closed.	May 1	Jun 1	May 4	Jul 4	Aug 1	Jul 6	May 8
Students removed from Waitlist.	May 2	Jun 2	May 5	Jul 5	Aug 2	Jul 7	May 9
Last day to add or drop classes. No tuition and fee adjustments after this date.	May 3	Jun 5	May 5	Jul 6	Aug 3	Jul 10	May 12
Deadline for payment of tuition and fees.[2]	May 5	Jun 7	May 12	Jul 10	Aug 8	Jul 17	May 31
Spring Convocation.							TBD
Last day of classes. Last day to withdraw from classes without academic penalty.[2]	May 17	Jun 19	Jun 16	Jul 20	Aug 18	Aug 18	Aug 4
Final Exams.[3,5]	May 19	Jun 21	Jun 20-21	Jul 24	Aug 22	Aug 22-23	Aug 9-10
Session grades due.	May 24	Jun 26	Jun 26	Jul 31	Aug 28	Aug 29	Aug 15

1

Not all classes follow the session dates listed on this schedule.

2

Outstanding balances are subject to interest charges.

3

Classes without final exams may be scheduled into the exam period.

4

Spring Session classes run May through June, Summer Session classes run July through August, and Regular Session classes run May through August.

5

For Spring/Summer term, final exam dates for students enrolled in distance/online courses may differ from this schedule.

2027-2028 Holidays Observed

Date	University Closed
Sep 6, 2027	Labour Day
Oct 11, 2027	Thanksgiving Day
Nov 11, 2027	Remembrance Day
Dec 25, 2027	Christmas Day
Dec 26, 2027 - Jan 2, 2028	University Closed
Jan 3, 2028	New Year's Day Observed
Feb 21, 2028	Family Day
Apr 14, 2028	Good Friday
Apr 17, 2028	Easter Monday
May 22, 2028	Victoria Day
Jul 3, 2028	Canada Day Observed
Aug 7, 2028	Heritage Day

ADMISSIONS

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General Admissions Information

Each program at MacEwan University has a unique set of admission requirements. Be sure to read the complete admission requirements under the program section of this academic calendar.

Admission Dates and Deadlines

Term	Opening Dates	Deadline Dates
Fall (September)	October 1	March 30 or June 30[1]
Winter (January)	February 1	September 30 or November 30[1]
Spring/Summer (May/June)	May 1 (for the following year)	See Footnote 1 below

1

Refer to website link for program specific deadlines: Admission Dates and Deadlines (https://www.macewan.ca/apply-enrol/admissions/dates-deadlines/)

International applicants: Unless an earlier closing date is indicated, international applicants must apply by May 1 for Fall intakes, September 30 for Winter intakes and January 30 for Spring/Summer intakes.

Apply and Pay Application Fee

Apply online at MacEwan.ca/Apply (http://MacEwan.ca/Apply/). Applicants are required to pay a non-refundable application fee. The application fee must be paid each time an application for admission is submitted.

Once an application has been submitted and the application fee paid, applicants will receive an email from the Office of the University Registrar with their MacEwan username and instructions on how to access the student portal, **myPortal.MacEwan.ca**, where they can track their application status and check their university email account. A separate email will also be sent containing a temporary password that will allow applicants log in into the student portal.

REAPPLYING

Applicants who do not maintain enrolment after the add/drop deadline in their term of admission forfeit their seat in the program, and must reapply.

Students who do not enroll in courses for 12 consecutive months—unless they have been approved for a student leave of absence—are discontinued from their program, and must reapply to continue their studies.

Applications will be evaluated according to the admission requirements and competitive benchmarks, valid at the time of reapplication.

STUDENT LEAVE OF ABSENCE

Students who anticipate a break in their studies for a period greater than 12 consecutive months due to extenuating or exceptional circumstances, may request a student leave of absence. Requests are not guaranteed; several factors are considered during the review process. All leaves are granted in accordance with the Student Leave of Absence policy, MacEwan.ca/Policies (https://www.macewan.ca/c/policies/academic_student_leave_absence.pdf).

Program Admission Requirements

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- Bachelor of Commerce (p. 27)
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- Bachelor of Fine Arts (p. 30)
- Bachelor of Music in Jazz and Contemporary Popular Music (p. 31)
- Bachelor of Psychiatric Nursing (p. 32)
- Bachelor of Science (p. 32)
- Bachelor of Science in Nursing (p. 33)
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Bachelor of Arts

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Bachelor of Child and Youth Care

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits or a complete certificate or diploma will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university-level English with a minimum grade of C-

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits or a complete certificate or diploma will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A Child and Youth Care Diploma

OR

- Other related certificates or diplomas

OR

- A minimum of 24 university-level credits

Note: Priority will be given to graduates from a Child and Youth Care diploma program.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission are required to submit the following:

- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Child and Youth Care at MacEwan University is committed to principles of equity and diversity. The Department supports equitable representation of groups underrepresented in child and youth professions and has reserved up to 10% of admission spaces as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Metis and Inuit people in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Bachelor of Commerce

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Bachelor of Communication Studies

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 per cent (or equivalent)

OR

- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the

Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Bachelor of Design

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75% in ELA 30-2
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

  OR

- Six credits of university-level English with no grade less than C-

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have completed one of the following from a recognized institution:

- A diploma in design (or equivalent)

  OR

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required high school courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Bachelor of Early Childhood Curriculum Studies

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. Three subjects from Group A, B, C or D

Applicants with nine or more university level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2

Applicants with nine or more university level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- Early Learning and Child Care Diploma or equivalent

OR

- A minimum of 24 post-secondary level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's full-time calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission are required to submit the following:

- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
- A current, valid child care first aid (standard level) certificate issued by the Canadian Red Cross or St. John Ambulance by the published document deadline.

Bachelor of Fine Arts

Applicants must be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

- ELA 30-1 or 75% in ELA 30-2
- Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine or more post-secondary-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university level English with no grade less than C-

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement

(internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. from a recognized institution:

- A diploma (minimum of 60 credits)

OR

- A minimum of 24 university-level credits

Additional Admission Criteria

To be evaluated through the Program

Studio Arts

Applicants are required to submit a portfolio and a statement of intent to be assessed by a committee of Studio Arts faculty.

Successful applicants will demonstrate in their portfolio:

- Formal skills: aesthetic sensibility, basic understanding of composition, colour, tone, perspective;
- Technical abilities: an interest in working with a variety of mediums and subjects, demonstrating skill, craftsmanship, diversity; and
- Demonstrates experimentation and conceptual engagement

Successful applicants will demonstrate in their statement of intent:

- The ability to express ideas well in writing;
- How this MacEwan University program is aligned with their interests and goals; and
- An interest in learning about the theories and practice of historical and contemporary art.

Music Theatre Performance

Applicants are required to audition and submit a cover letter and resume.

An audition panel will assess:

- Acting abilities (objectives, actions, creative risk-taking);
- Singing abilities (breath, phonation, resonance, range, articulation); and
- Dancing/movement abilities (physicality, gesture, alignment).

The cover letter will include:

- How this MacEwan University program is aligned with the applicant's interests and goals.

The resume should include:

- Previous training;
- Previous performing experience; and
- Special skills (e.g. languages, gymnastics, juggling, etc.)

Theatre Production

Applicants are required to submit a brief statement of intent outlining:

- Why they are interested in the program;
- The career that they are seeking through the completion of the program; and
- A description of the last theatre production they attended.

Applicants offered admission to the Theatre Production major are required to submit current, valid standard first aid certification (including Level C CPR) by the published document deadline.

Bachelor of Music in Jazz and Contemporary Popular Music

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75 % in ELA 30-2
2. Four subjects from Group A, B, C, or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

  OR
- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

  OR
- A University Music Diploma Program or equivalent

Probationary Admission

To be evaluated through the Program

This admission category will only be used if the program is not filled by Regular, Mature or Previous Post-Secondary applicants.

A limited number of probationary admissions may be granted to applicants with an Admission Grade Point Average (AGPA) less than 2.0 on a 4.0 scale. These applicants will be placed on probation.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://www.macewan.ca/academics/programs/english-as-an-additional-language/).

2. Other Admission Criteria

To be evaluated through the Program Office

Applicable to All Admission Categories

All applicants must audition.

Limited space is available, and not all applicants who are eligible may be admitted. When admission becomes competitive, performance in the audition is the primary criterion for admission. Applicants must also be aware that admission for any category is limited based on the availability of spaces for the principal instrument.

Bachelor of Psychiatric Nursing

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

Applicants must present a Psychiatric Nursing diploma (or equivalent) with an Admission Grade Point Average (AGPA) of 2.3 on a 4.0 scale. In addition, applicants must present:

- Current registration on the practicing register as a Registered Psychiatric Nurse in Canada.

OR

- A current registration as a psychiatric/mental health nurse in another country and be eligible for registration on the practicing register as a Registered Psychiatric Nurse in Canada.

*Provisional Admission may be assigned to applicants who have completed the academic requirements of a Psychiatric Nursing diploma but have not written the Canadian Registered Psychiatric Nurse Examination. The examination must be successfully completed within the first term of their program.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

3. Other Admission Criteria

To be evaluated through the Program

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Applicants who have two or more unsatisfactory academic records from any post-secondary program or institution will not be considered for admission or re-admission to the Program. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Bachelor of Science

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Bachelor of Science in Nursing

Categories of Admission

Through a competitive admission process, applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1, Mathematics 30-2 or Mathematics 31
5. One Group A, B, C or D course

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1, Mathematics 30-2 or Mathematics 31

Note:

- For Mature Admission only, another Group C course grade could be used to replace the Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 grade in the calculation of the competitive average.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

3. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have had one or more unsatisfactory academic records from any post-secondary program or institution must meet the admission requirements under the Previous Post-Secondary Work admission category.

Applicants who have two or more unsatisfactory academic records within the past 10 years from any post-secondary program or institution will not be considered for admission or re-admission to the Program until a minimum five years from the date of assignment of the last unsatisfactory record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission to the program are required to present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Conditionally accepted applicants who have had a break in the continuity of their nursing program or who completed a portion of a nursing program through another institution may have to meet additional course requirements to establish course currency and/or course equivalence.

Equity Admissions

The Faculty of Nursing at MacEwan University is committed to facilitating an equitable, diverse, and inclusive educational environment. The Faculty of Nursing recognizes there are underrepresented groups in nursing and nursing education, therefore reserves up to 10% of admission spaces for applicants to the Bachelor of Science in Nursing, who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Métis, and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Bachelor of Social Work

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Social Work Post-Diploma

1. Applicants must have completed an Alberta accredited Social Work Diploma with a minimum Admission Grade Point Average (AGPA) of 2.5 on a 4.0 scale.

University Credit Transfer

2. Applicants must have completed the following from a recognized institution:

a) 57 non-social work university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.5 on a 4.0 scale, and must include the following courses:

· Three credits of English

· Six credits of anthropology, political science, psychology or sociology

b) SOWK 240: Introduction to Social Work and Social Welfare (or equivalent) with a minimum grade of C-

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at www.macewan.ca/elp (https://www.macewan.ca/elp/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to submit the following to be assessed by faculty from the School of Social Work:

1. Essay and Resume
2. Evidence of a minimum 70 hours of human or social service volunteer/work experience within the last two years
3. Professional Volunteer/Work Reference

Applicants offered admission are required to submit the following:

- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
- An Alberta Intervention Record Check (or equivalent from another province/territory). The Intervention Record Check must be submitted by the published document deadline.

Equity Admission

The School of Social Work at MacEwan University is committed to principles of equity and diversity. The School supports equitable representation of groups underrepresented in the social work profession and has reserved up to 15% of admission spaces as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Métis and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Applied Degree Admissions

- Bachelor of Applied Human Service Administration (p. 36)

Bachelor of Applied Human Service Administration

Categories of Admission

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have:

- a two-year diploma that includes a three-credit post-secondary English course

OR

- a minimum of 60 credits from a recognized post-secondary institution with an Admission Grade Point Average (AGPA) of 2.0 or better on a 4.0 scale that includes a three-credit post-secondary English course.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's Academic Calendar or online at MacEwan.ca/ELP (https://MacEwan.ca/ELP/).

Certificate and Diploma Admissions

- Accounting and Strategic Measurement (p. 37)
- Acupuncture (p. 38)
- Arts and Cultural Management (p. 38)
- Asia Pacific Management (p. 39)
- Bridge to Canadian Nursing (p. 40)
- Business Management Certificate (p. 40)
- Business Management Diploma (p. 41)
- Business Management Diploma - Aviation Management (p. 41)
- Business Management Diploma - Insurance and Risk Management Major (p. 42)
- Correctional Services Diploma (p. 43)
- Educational Assistant (p. 44)
- Emergency Communications and Response Diploma (p. 44)
- Fine Art Diploma (p. 45)
- Hearing Aid Practitioner Diploma (p. 45)
- Human Resources Management Certificate and Diploma (p. 46)
- Investigative Studies Major - Police and Investigations Diploma (p. 46)
- Library and Information Technology Diploma (p. 47)
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- Paralegal Studies Diploma (p. 49)
- Physical Therapist Assistant and Occupational Therapist Assistant Major - Therapist Assistant Diploma (p. 49)
- Police Studies Major - Police and Investigations Diploma (p. 50)
- Psychiatric Nursing Diploma (p. 51)
- Public Relations Diploma (p. 52)
- Social Work Diploma (p. 52)
- Speech Language Pathologist Assistant Major - Therapist Assistant Diploma (p. 53)
- Theatre Arts Diploma (p. 54)
- Theatre Production Diploma (p. 54)
- Travel and Tourism (p. 56)

Accounting and Strategic Measurement

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three Subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least five credits (e.g.: two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Acupuncture

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One of Biology 30, Chemistry 30 or Science 30
3. One subject from Group C
4. Two subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One of Biology 30, Chemistry 30 or Science 30
3. One subject from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required science course(s) listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Arts and Cultural Management

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)
  OR
- Six credits of university-level English with no grade less than C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed ELA 30-1 (or equivalent) listed under the Regular or Mature category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants are required to submit a program questionnaire. Successful applicants will demonstrate in their responses:

- knowledge of arts/culture in their community
- research completed regarding the work of arts administrators/managers
- how this MacEwan University program is aligned with their interests and goals

Asia Pacific Management

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's full-time calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Bridge to Canadian Nursing

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must present one of the following:

1. A recognized nursing credential from an eligible country and meet the College of Registered Nurses of Alberta (CRNA) requirement(s) to participate in the program.

OR

2. Current registration as a Registered Nurse in Canada.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://www.macewan.ca/apply-enrol/admissions/requirements/english-language-proficiency/).

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission are required to submit the following:

A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Business Management Certificate

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Business Management Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Business Management Diploma - Aviation Management

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must present a minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale and must have completed the required core courses listed under the Regular or Mature Category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Business Management Diploma - Insurance and Risk Management Major

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

- ELA 30-1 or ELA 30-2
- Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Correctional Services Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Three subjects from Group A, B, C, or D

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices
- A maximum of two Group B subjects may be presented; they must be from different disciplines
- A maximum of one Group D subject may be presented. Group D subjects use for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group, A, B, C, or D

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Public Safety and Justice Studies at MacEwan University is committed to principles of equity and diversity. The department supports equitable representation of groups underrepresented in public safety and justice professions and has reserved up to 10% of admission spaces in each program as equity admission spaces for applicants who self-identify as Indigenous. The Department used the definition of Aboriginal peoples of Canada in the Constitution Act, 1982, Section 35 (2) as includes Indian, Inuit and Métis peoples of Canada to define Indigenous peoples.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program option to which they apply.

Educational Assistant

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Two subjects from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses.

1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B or C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

1. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Emergency Communications and Response Diploma

Categories of Admission

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have an Alberta high school diploma (or equivalent) or GED diploma.

Applicants must have a minimum overall average of 65% with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. One subject from Group A, B, C, or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://MacEwan.ca/ELPs/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency). The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Public Safety and Justice Studies at MacEwan University is committed to principles of equity and diversity. The department supports equitable representation of groups underrepresented in public safety and justice professions and has reserved up to 10% of admission spaces in each program as equity admission spaces for applicants who self-identify as Aboriginal. Aboriginal peoples of Canada are defined in the Constitution Act, 1982, Section 35 (2) as including the Indian, Inuit and Métis peoples of Canada. In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program option to which they apply.

Fine Art Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or a minimum of 65% in ELA 30-2
2. One Group A course
3. One Group B or C course
4. One Group C or D course

Applicants with nine or more university level credits must also present a minimum Admission Grade Point average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 60 percent (or equivalent)

OR

- Six credits of university level English with no grade less than C-

Applicants with nine or more university level credits must also present a minimum Admission Grade Point average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants must submit a portfolio and a statement of intent to be assessed by a committee of Fine Art faculty.

Successful applicants will demonstrate in their portfolio:

- a basic understanding of composition, colour, tone and perspective
- an interest in working with a variety of mediums and subjects
- an attention to presentation

Successful applicants will demonstrate in their statement of intent:

- the ability to express ideas well in writing
- how this MacEwan University program is aligned with their interests and goals
- an interest in learning about the theories and practice of historical and contemporary art

Hearing Aid Practitioner Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group C
3. One subject from Group A, B, C or D

Note:

- Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B, C or D

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Human Resources Management Certificate and Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Math 30-1 or Math 30-2
3. Three subjects from Group A, B, C or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Math 30-1 or Math 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Investigative Studies Major - Police and Investigations Diploma

Categories of Admission

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or Social Studies 30-2
3. One subject from Group A, B, C, or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Public Safety and Justice Studies at MacEwan University is committed to principles of equity and diversity. The department supports equitable representation of groups underrepresented in public safety and justice professions and has reserved up to 10% of admission spaces in each program as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Metis and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program option to which they apply.

Library and Information Technology Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university-level English with no grade less than C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must present a minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale and must have completed the required core courses listed under the Regular or Mature Category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Massage Therapy Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group A, B, C or D

Notes:

- Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30

Previous Post Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer or any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have successfully completed Biology 30.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Office Assistant Certificate

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Two subjects from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses.
1. ELA 30-1 or 30-2 with a minimum grade of 60% or equivalent
or
2. Three credits of University Level English, with a minimum grade of C-

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core course listed under the mature category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Paralegal Studies Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must present a minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale, and must have completed the required core courses listed under the Regular or Mature admission categories.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Physical Therapist Assistant and Occupational Therapist Assistant Major - Therapist Assistant Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group C
4. Two subjects from Group A, B, C, or D

Notes:

1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or any credit combination of at least five credits (e.g., two three-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group C

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have successfully completed Biology 30.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Police Studies Major - Police and Investigations Diploma

Categories of Admission

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have an Alberta high school diploma (or equivalent) or GED diploma. Applicants must have a minimum overall average of 65 percent with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. One subject from Group A, B, C, or D

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed a high school diploma (or equivalent) or GED diploma.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Public Safety and Justice Studies at MacEwan University is committed to principles of equity and diversity. The department supports equitable representation of groups underrepresented in public safety and justice professions and has reserved up to 10% of admission spaces in each program as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Metis and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program option to which they apply.

Psychiatric Nursing Diploma

Categories of Admission

Through a competitive admission process, applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1, Mathematics 30-2 or Mathematics 31
5. One subject from Group A, B, C or D course

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1, Mathematics 30-2 or Mathematics 31

Note:

- For Mature Admission only, another Group C course grade could be used to replace the Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 grade in the calculation of the competitive average.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Applicants must meet university-level requirements for English language proficiency.

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have had one or more unsatisfactory academic records from any post-secondary program or institution must meet the admission requirements under the Previous Post-Secondary Work admission category.

Applicants who have two or more unsatisfactory academic records within the past 10 years from any post-secondary program or institution will not be considered for admission or re-admission to the Program until a minimum five years from the date of assignment of the last unsatisfactory record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission to the program are required to present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Conditionally accepted applicants who have had a break in the continuity of their nursing program or who completed a portion of a nursing

program through another institution may have to meet additional course requirements to establish course currency and/or course equivalence.

Equity Admissions

The Faculty of Nursing at MacEwan University is committed to facilitating an equitable, diverse, and inclusive educational environment. The Faculty of Nursing recognizes there are underrepresented groups in nursing and nursing education, therefore reserves up to 10% of admission spaces for applicants to the Diploma in Psychiatric Nursing, who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Métis, and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Public Relations Diploma

Categories of Admission

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum of 30 post-secondary credits, including a post-secondary English course with a minimum grade of C+.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Social Work Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be 19 years of age or older by December 31 of the year they enter the program, and must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Social Studies 30-1
3. Three Group A, B, C or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more post-secondary level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Social Studies 30-1

Applicants with nine to 23 post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more post-secondary level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants are required to submit the following to be assessed by faculty from the Social Work program:

1. Essay and Resume

2. Evidence of a minimum 70 hours of human or social service volunteer/work experience within the last two years

3. Professional Volunteer/Work Reference

Applicants offered admission are required to submit the following:

- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
- An Alberta Intervention Record Check (or equivalent from another province/territory). The Intervention Record Check must be submitted by the published document deadline.

Equity Admission

The School of Social Work at MacEwan University is committed to principles of equity and diversity. The School supports equitable representation of groups underrepresented in the social work profession and has reserved up to 15 per cent of admission spaces as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Métis and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Speech Language Pathologist Assistant Major - Therapist Assistant Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Four subjects from Group A, B, C or D

Notes:

1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or any credit combination of at least five credits (e.g., two three-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B, or C

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

3. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a

Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Theatre Arts Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75% in ELA 30-2
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university-level English with no grade less than C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants are required to audition. Jurors will assess singing, dancing, and acting ability.

Theatre Production Diploma

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75% in ELA 30-2
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university-level English with no grade less than C-

Previous Post Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants are required to submit a brief questionnaire that explains (in 500-1000 words):

- Why they are interested in the program
- The career that they are seeking through the completion of this program
- A description of the last theatre production they attended

Applicants offered admission are required to complete Standard First Aid certification (including Level C CPR) by the beginning of the intake term.

Travel and Tourism

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Four subjects from Group A, B, C or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

- Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must present a minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Certificate of Achievement Admissions

- Behavioural Interventions Certificate (p. 57)

Behavioural Interventions Certificate

Categories of Admission

There is no longer a distinction between internal or external applicants.

Applicants must have completed:

- MacEwan University's PSYC 281 with a minimum grade of C
- MacEwan University's PSYC 385 with a minimum grade of C, or be currently enrolled in it
- a minimum of 60 university credits in a degree program

The application can be found on the BICA webpage (https://www.macewan.ca/academics/faculties-schools/school-of-continuing-education/programs/?id=SCE_00000000648). Successful application will be contingent on grades and statement of intent. Applications for the Fall term are due by July 15, and applications for the Winter term are due by November 15.

Post Diploma Admissions

- Digital Experience Design (p. 58)
- Gerontology (p. 58)
- Hospice Palliative Care (p. 58)
- Occupational Health Nursing (p. 58)
- Perioperative Nursing for Registered Nurses and Licensed Practical Nurses (p. 59)
- Post-Basic Nursing Practice (p. 59)
- Wound Management (p. 59)

Digital Experience Design

Applicants may be admitted to one of the following:

Previous Post-Secondary Admission
To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have completed one of the following from a recognized institution:

- A diploma

OR

- A bachelor's degree

Additional Admission Criteria

All applicants must meet the following:

1. **English Language Proficiency**

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's academic calendar or online at MacEwan.ca/ELP.

Gerontology

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be actively registered in Canada as one of the following:

- Registered Nurse
- Registered Psychiatric Nurse
- Graduate Nurse with a temporary permit
- Licensed Practical Nurse, Registered Practical Nurse

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Hospice Palliative Care

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be actively registered in Canada as one of the following:

- Registered Nurse
- Registered Psychiatric Nurse
- Graduate Nurse with a temporary permit
- Licensed Practical Nurse, Registered Practical Nurse

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Occupational Health Nursing

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be actively registered as a Registered Nurse in Canada or licensed as a nurse in another country, and have received a practicing permit from their professional provincial jurisdiction.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Perioperative Nursing for Registered Nurses and Licensed Practical Nurses

Categories of Admission

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be either actively registered in Canada as a Registered Nurse or Licensed Practical Nurse, or a graduate nurse/graduate practical nurse with a practice permit and eligibility to write National Council Licensure Examination for Registered Nurses (NCLEX) or the Canadian Practical Nurse Registration Exam (CPNRE).

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Post-Basic Nursing Practice

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be actively registered in Canada as one of the following:

- Registered Nurse
- Registered Psychiatric Nurse
- Graduate Nurse with a temporary permit
- Licensed Practical Nurse, Registered Practical Nurse

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Wound Management

Categories of Admission

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have, at minimum, a diploma in a health-related discipline (e.g. nursing, occupational therapy, physiotherapy, pharmacy, dietetics).

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

University Transfer Admissions

- Bachelor of Physical Education Transfer (p. 60)

Bachelor of Physical Education Transfer

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, in the following high school courses:

1. ELA 30-1 with a minimum grade of 60 percent
2. Biology 30 with a minimum grade of 60 percent

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

College and University Entrance Admissions

- English as an Additional Language (EAL) (p. 61)
- Foundation Program - International (p. 61)
- Foundation Program - pimâcihisowin (p. 61)
- University Preparation (p. 61)

English as an Additional Language (EAL)

Admission Requirements

Students under 18 years of age are not accepted except with special permission.

Admission Criteria

Domestic and International students will be required to meet the same requirements.

All applicants must meet an acceptable level of English language proficiency. This program requires proof of CLB scores of 5 in at least 2 categories (with no skill under 4), an overall IELTS score of 4.0 (with no skill below 3.5), or equivalent.

Once admitted, students may be required to write a placement test to determine their current academic standing and placement level in the program.

International applicants must be eligible to apply for a study permit which is valid for 6 months or longer.

Foundation Program - International

Admission Requirements

All applicants must meet an acceptable level of English language proficiency. This program requires proof of successful completion of a standardized language evaluation, such as an overall IELTS score of 5.5 with no skill under 4.5, or equivalent.

Once admitted to the program, students may be required to write a placement test to determine their current academic standing and placement level.

Foundation Program - pimâcihisowin

Admission Requirements

Regular admission

Applicants must have a high school diploma and be 17 years of age by the beginning of the intake term.

Mature admission

Applicants must be 20 years of age or older and have been out of full-time high school for at least 1 year by the beginning of the intake term. High School diploma not required for mature students, but applicants must have a minimum of 50% in English 10-1 or English 10-2 (or equivalent).

University Preparation

Admission Requirements

Domestic and International students will be required to meet the same requirements.

All applicants must meet an acceptable level of English language proficiency. This program requires proof of successful completion of standardized language evaluation such as CLB scores of at least 6 (with no skill under 6), an overall IELTS score of 6.0 with no skill under 5.0, or equivalent.

Once admitted to the program, students may be required to write a placement test to determine their current academic standing and placement level in the program.

International applicants must be eligible to apply for a study permit which is valid for 6 months or longer.

High School Equivalency Diploma

University Preparation offers a high school equivalency diploma. To qualify, students must present five courses with a minimum grade of “D” at the 30-level. Three of the five courses must be completed in the University Preparation program. Of the five courses required for the equivalency diploma, at least one must be in English (30- level), and one must be in mathematics (30-level). For more information, please contact our office at 780-497-4400

Application Evaluation

Early Admission

MacEwan University offers early admission to qualified applicants prior to the completion of their program's academic requirements. Applications will be evaluated based on final Grade 11 and/or Grade 12 courses and the other admission requirements. Specific requirements are located at macewan.ca/apply-enrol/admissions/requirements/early-admission/ (https://www.macewan.ca/apply-enrol/admissions/requirements/early-admission/).

Competitive Programs

Many programs are competitive based on higher than minimum academic requirements, other admission requirements or a combination of both. Applicants are encouraged to apply and submit documents early. In addition, it is important that applicants keep the Office of the University Registrar informed of any changes that may affect admission. Posted competitive ranges are subject to change as the applicant pool is evaluated.

Classification of High School Courses

All Grade 12 subjects, other than English Language Arts 30-1, have been classified into four groups: A (Humanities), B (Fine Arts), C (Sciences) and D (Options). The Grade 12 courses listed are based on Alberta Education approved curriculum and nomenclature. Prospective applicants from other provinces and territories should visit MacEwan.ca/HighSchoolSubjects (http://macewan.ca/HighSchoolSubjects/) for out-of-province equivalencies.

Applicants who are home-schooled will be required to complete the Alberta Education diploma examinations (or equivalent) in order to meet any high school course requirement.

For admission purposes, MacEwan University will use the higher of either the high school grade or the Advanced Placement (AP)/International Baccalaureate (IB) grade.

Group A (Humanities)

1. Social Studies 30-1
2. 30-level language other than English
3. Aboriginal Studies 30

Notes:

1. Any one of the following courses will meet the 30-level language other than English requirement: French 21, 20S, 20N, 30S, 30N; French 31, 31A, 31B, 31C, 30-3Y, 30-9Y; French Language Arts 20, 30, 30-1, 30-2; Français 20, 30, 30-1, 30-2; Langue et Literature 20, 30.
2. Any one of the following courses will also meet the 30-level language other than English requirement: Blackfoot Language & Culture 30; Chinese Language Arts 30; Chinese Language & Culture 30; Cree Language & Culture 30; German Language Arts 30; German Language & Culture 30; Italian Language & Culture 30; Japanese Language & Culture 30; Latin 30; Spanish Language & Culture 30; Ukrainian Language Arts 30; Ukrainian Language & Culture 30. There are other 35-level locally developed courses which may also be used to meet the language other than English requirement.

Group B (Fine Arts)

1. Art 30
2. Art 31
3. Communication Technology Advanced (CTS) (5 credits)
4. Dance 35
5. Drama 30
6. Music 30 (Choral, Instrumental or General) (5 credits)
7. Musical Theatre 35
8. Music 35
9. Performing Arts 35 A, B, or C
10. Additional 35-level Fine Arts courses may be considered

Note: Equivalents of Music 30: Conservatory Canada, Grade 8 Practical and Grade IV Theory; Royal Conservatory of Music of Toronto, Grade 8 Practical and Grade II Theory; Mount Royal University, Grade 8 Practical and Grade II Theory. Documents must be presented to Alberta Education for evaluation.

Group C (Sciences)

1. Biology 30
2. Chemistry 30
3. Computing Science Advanced (CTS) (5 credits)
4. Mathematics 30-1
5. Mathematics 30-2 (cannot be used for admission with Mathematics 30-1)
6. Mathematics 31
7. Physics 30
8. Science 30

Group D (Options)

Applicants using a Group D subject for admission must present either one 5-credit subject or any combination of two 3-credit subjects. Career and Technology Studies (CTS) courses may be used only if a minimum 5-credits are presented at the advanced level in the same subject area. Specific course examples can be found at MacEwan.ca/HighSchoolSubjects (http://macewan.ca/HighSchoolSubjects/).

Apprenticeship, Work Experience, Special Projects and Career and Life Management (CALM) courses are not considered for admission.

University Credit Substitutions for High School Courses

This chart lists university-level credit that can be substituted in cases where applicants do not present the appropriate Grade 12 courses.

University Level Credits Required

Course	Credits
English	
English	6
Group A (Humanities)	
Language other than English	6
Humanities or Social Sciences[1]	3
Group B (Fine Arts)	
Fine Arts	3
Group C (Sciences)[2]	
Mathematics (Algebra)	3

Mathematics (Calculus)	3
Chemistry	3
Physics	3
Biology (includes Botany, Genetics, Microbiology, Zoology)	3

1

SOCI 100 can be used as a substitution for Social 30-1/30-2. This is the only course that can be used to substitute for Social 30-1/30-2

2

If no specific Group C course is listed as an admission requirement, any course from a science discipline—including PSYC 104—can be used as a group C subject.

English is the primary language of instruction at MacEwan University. All applicants to any undergraduate (i.e. certificate, diploma, and degree) program must demonstrate a minimum level of English Language Proficiency (ELP) prior to admission, regardless of citizenship or country of origin. In addition to ELP, some programs may also require a Spoken English Proficiency (SEP).

The ELP requirement is designed to ensure that applicants have the best opportunity for success in their university studies. MacEwan University reserves the right to use discretion to determine applicants' language proficiency.

Applicants whose Primary Language is English are deemed to have met the ELP requirement. Primary Language is defined as the language the applicant is most proficient in, and uses on a daily basis for written and oral communication. In addition, it must be the language of instruction in the applicants' last three years of formal education (excluding English as a Second Language).

English Language Proficiency Requirements

All other applicants must present one of the following to demonstrate fulfillment of ELP.

Test/Program	Requirement(s)	Website
	English Language Proficiency Tests [1]	
IELTS - Academic International English Language Testing System	Minimum overall band score of 6.5 and a minimum score of 5.5 in each component	www.ielts.org (http://www.ielts.org)
IELTS Exceptions	**Bachelor of Science in Nursing** - Minimum overall band score of 6.5 and a minimum score of 5.5 in Reading and Writing, 6.0 in Listening and 7.0 in Speaking	
	Psychiatric Nursing Diploma - Minimum overall band score of 7.0 and a minimum score of 6.5 in Reading, 7.0 in Speaking and Writing, and 7.5 in Listening.	
TOEFL-Internet-Based Test (iBT) Test of English as a Foreign Language	Minimum total score of 86 and a minimum score of 21 in each section.	www.toefl.org (http://www.toefl.org)/
TOEFL Exceptions	**Bachelor of Science in Nursing** - Minimum total score of 86 and a minimum score of 21 in Reading and Writing, 23 in Listening, and 26 in Speaking.	
	Psychiatric Nursing Diploma - Minimum total score of 98 and a minimum score of 21 in Reading, 27 in Writing and Listening, and 26 in Speaking.	
CAEL Canadian Academic English Language Assessment	Minimum overall band score of 70 and a minimum score of 60 in each band	www.cael.ca (http://www.cael.ca)
CAEL Exceptions	**Bachelor of Science in Nursing** - Minimum overall band score of 70 and minimum scores of 60 in Reading and Writing, and 70 in Listening and Speaking.	
	Psychiatric Nursing Diploma - Minimum overall band score of 80 and minimum scores of 70 in Reading, Writing, and Speaking and 80 in Listening.	
PTE - Academic Pearson Test of English	Minimum overall score of 59 and a minimum score of 56 in each band	www.pearsonpte.com (http://www.pearsonpte.com)

PTE Exceptions	**Bachelor of Science in Nursing** - Minimum overall score of 59 and a minimum score of 56 in Reading and Writing, 58 in Listening, and 71 in Speaking.	
	Psychiatric Nursing Diploma - Minimum overall score of 68 and a minimum score of 61 in Reading, 71 in Speaking and Writing, and 75 in Listening.	
Cambridge English: Advanced/Proficiency Cambridge English Language Assessment	Minimum overall score of 180 and a minimum score of 165 in each skill	www.cambridgeenglish.org (http://www.cambridgeenglish.org)
Cambridge English Exceptions	**Bachelor of Science in Nursing** - Minimum overall score of 180 and a minimum score of 165 in Reading and Writing, 172 in Listening, and 188 in Speaking.	
	Psychiatric Nursing Diploma - Minimum overall score of 188 and a minimum score of 180 in Reading, 188 in Speaking and Writing, and 195 in Listening.	
MELAB - Michigan English Language Assessment Battery (MELAB)	Minimum overall score of 85 and a minimum score of 80 in GCVR, Listening, and Writing and a 3 in the Speaking Test.	www.michiganassessment.org (http://www.michiganassessment.org)
MELAB Exceptions	**Bachelor of Science in Nursing** - Minimum overall score of 85 and a minimum score of 80 in GCVR and Writing, 85 in Listening, and a 4- in the Speaking Test.	
	Psychiatric Nursing Diploma - Minimum overall score of 85 and a minimum score of 85 in GCVR and Writing, 90 in Listening, and 4- in the Speaking Test.	
EIKEN Test in Practical English Proficiency	Minimum overall grade of 1.	www.eiken.or.jp (http://www.eiken.or.jp) (Japanese) or www.eiken.or.jp/eiken/en/eiken-tests (http://www.eiken.or.jp/eiken/en/eiken-tests/)/ (English)
EIKEN Exceptions	**Bachelor of Science in Nursing, Psychiatric Nursing Diploma and Therapist Assistant Diploma**- Category may not be used to fulfill the English Language Proficiency requirement.	

1

English Language Proficiency test scores more than two years old will not be accepted for admission.

Course/Education	Requirement(s)	Website
	High School Course	
English Language Arts 30-1 (or equivalent) Alberta Education Grade 12 English	Minimum final blended grade of 75% (includes the diploma examination mark).	
	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	
IB English International Baccalaureate	Minimum grade of 5 in English A1 or A2, or minimum grade of 6 in English B.	www.ibo.org (http://www.ibo.org)
	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	
AP English Advanced Placement	Minimum grade of 4.	apstudents.collegeboard.org

	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	
British-Patterned Education System English English Language or Literature at the GCE Advanced Level, GCE Advanced Subsidiary Level, or GCSE or IGCSE Level	Minimum grade of B.	
	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	
	Post-Secondary Course	
Six (6) credits of transferable university level English Language or Literature completed at a recognized English language institution	Minimum grade of B+. If more than one course in presented a grade of B+ is required in each course.	
	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	
English as an Additional Language English Language Preparation Preparation-MacEwan University ENGL 086 and ENGL 087; OR ERDW 085 and ESPL 085 and EPOT 068	Minimum grade of B- in each course.	www.macewan.ca/academics/programs/english-as-an-additional-language (http://www.macewan.ca/academics/programs/english-as-an-additional-language/)
	Exception - Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	
English Academic Preparation (EAP) University of Alberta EAL 140 and EAL 145	Successful completion of each course.	http://ext.ualberta.ca/
	Exception - Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	
	Previous Education in English	
Three or more years of full-time education in English (excluding English as a Second Language) in Canada or another country.	Successful completion. Must include Alberta Grade 12 (or equivalent) where secondary education is the highest level, or if a combination of secondary and post-secondary education is used. English must be recognized as the official/primary language of instruction.	
	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	
University degree (baccalaureate or graduate)	Successful completion. The degree must be from a recognized post-secondary institution where English is the official/primary language of instruction.	
	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the English Language Proficiency requirement.	

An applicant who is completely bilingual and fluent in English shall be entitled to submit a written petition to the Office of the University Registrar providing evidence that their ELP exceeds the specified minimum levels, and request exemption from the ELP requirement.

Spoken English Proficiency (SEP)

In addition to the English Language Proficiency (ELP) requirement, applicants to specified programs (Bachelor of Science in Nursing, Psychiatric Nursing Diploma, and Therapist Assistant Program Diploma - Speech Language Pathologist Assistant Major) are required to demonstrate a minimum level of Spoken English Proficiency prior to admission, regardless of citizenship or country of origin.

Applicants must present one of the following to demonstrate fulfillment of SEP.

Test/Program	Requirement(s)	Website
	Spoken English Proficiency Tests [1]	
IELTS – Academic International English Language Testing System	Minimum score of 7.0 in Speaking.	www.ielts.org (http://www.ielts.org)
TOEFL-Internet-Based Test (iBT) Test of English as a Foreign Language	Minimum score of 26 in Speaking.	www.toefl.org (http://www.toefl.org)
CAEL Canadian Academic English Language Assessment	Minimum score of 70 in Speaking.	www.cael.ca (http://www.cael.ca)
PTE- Academic Pearson Test of English	Minimum score of 71 in Speaking.	www.pearsonpte.com (http://www.pearsonpte.com)
Cambridge English: Advanced/Proficiency Cambridge English Language Assessment	Minimum score of 188 in Speaking.	www.cambridgeenglish.org (http://www.cambridgeenglish.org)
MELAB Michigan English Language Assessment Battery	Minimum score of 4- in the Speaking Test.	www.michiganassessment.org (http://www.michiganassessment.org)

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Spoken English Proficiency test scores more than two years old will not be accepted for admission.

Educational Experience	Required Score	Website
	Previous Education in English	
Six (6) or more years of full-time education in English (excluding English as a Second Language) in Canada or another country	Successful completion. Must include Alberta Grade 12 (or equivalent) where secondary education is the highest level, or if a combination of secondary and post-secondary education is used. English must be recognized as the official/primary language of instruction.	
	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the Spoken English Proficiency requirement.	
University degree (baccalaureate or graduate)	Successful completion. The degree must be from a recognized post-secondary institution where English is the official/primary language of instruction.	
	Exceptions - Bachelor of Science in Nursing and Psychiatric Nursing Diploma - Category may not be used to fulfill the Spoken English Proficiency requirement.	

Based on the Admissions policy, no petitions or waivers will be considered for the Spoken English Proficiency requirements.

Offers of Admission

Accept Offer and Pay Deposit

When applicants receive an offer of admission, they are required to either accept or decline their offer and pay the required admissions confirmation deposit:

Canadian Applicants

Admission confirmation deposit - $400 CDN - 50% refundable if written notice to withdraw is received in the Office of the University Registrar by July 1 for the Fall term, November 1 for the Winter term and March 1 for the Spring/Summer term. After these dates, the admission confirmation deposit is non-refundable.

International Applicants

Admission confirmation deposit - $1,000 CDN - Non-refundable.

Applicants may accept or decline their offer of admission using myStudentSystem, accessed through myPortal (https://myPortal.MacEwan.ca). Details of the offer due date and admissions confirmation deposit amount are displayed. Information regarding

methods of paying the deposit are available at MacEwan.ca/MakeAPayment (https://www.macewan.ca/MakeAPayment/).

Failure to accept the offer of admission and pay the deposit by the due date will result in the offer of admission being withdrawn.

Conditional Offers

Applicants must ensure they submit any outstanding items for admission by the date specified in their offer of admission. Applicants are advised to submit all documentation as soon as possible.

Offers of admission may include conditions that require completion prior to the start of the intake. Applicants will be notified when all conditions have been met. Applicants can review all admission decisions using the secure log-in to myPortal (https://myPortal.MacEwan.ca).

Failure to meet all conditions by the timelines indicated in the letter of acceptance may result in the offer of admission being withdrawn.

Important Information

- Offers of admission are only valid for the program and intake term outlined in the letter of acceptance.
- Failure to enroll for the intake term outlined in the letter of acceptance will result in the offer of admission being withdrawn.
- Admission decisions are not subject to appeal.
- More detailed information regarding MacEwan's admission policy can be found online at MacEwan.ca/Policies (https://www.macewan.ca/Policies/).

Supporting Documents

Submission of Transcripts and Academic Records

Official transcripts are essential to the admission process. After applying to the university, applicants are required to submit official transcripts for all high school and/or post-secondary/higher education institutions attended. Transcripts are deemed official when sent directly to the Office of the University Registrar at MacEwan University by the issuing institution or educational authority, or submitted by the applicant in an envelope officially sealed by the issuing authority; the seal must be unbroken. Many institutions are sending official documents digitally using an online verification system. All other transcripts, including transcripts in sealed envelopes that have been opened, are considered unofficial. Unofficial transcripts may be used in evaluating applications for Early Admission.

Applicants who have attended high school in Alberta and/or an Alberta post-secondary institution who is a participating member of ApplyAlberta, MacEwan University will request official transcripts from those institutions on the applicants' behalf.

All transcripts received by MacEwan University become the property of the university, and will not be released, photocopied, or forwarded to the applicant or a third party.

Document Translations

MacEwan University is an English language institution. Transcripts and academic records not issued in English must also include a certified English language translation. Translations must:

- be completed by a translator certified to translate the written language of the document to English,
- include an image of the original document used by the translator,
- be complete, literal, word-for-word, and
- be laid out in the same format as the original document.

For more details on the translation of documents refer to the Office of the University Registrar (https://www.macewan.ca/apply-enrol/admissions/transcripts-documents/) website.

Program-Specific Documents

In addition to academic requirements, some programs have program-specific admission requirements such as resumés, references, letters of intent, police information checks, portfolios or auditions. Other programs require volunteer work or work experience which students may need to start well before they apply. If the program of choice has additional requirements, those will be listed under admission requirements in this Academic Calendar or on the program's website.

Transfer Students

If a student has attended another post-secondary institution, the successfully completed courses may be considered for credit towards a credential at MacEwan University.

Upon application to MacEwan University, students should submit official transcripts as soon as available. It is strongly recommended that students submit transcripts by June 15 for Fall enrolment and by October 15 for Winter enrolment. The official transcripts should include final grades and any credentials awarded.

Transfer decisions for Alberta Transfer System member institutions in the provinces of Alberta, British Columbia and Saskatchewan are available for information and reference on the Learner Pathways website at transferalberta.ca (http://transferalberta.alberta.ca). The Learner Pathways website is operated by the Alberta Council Admissions and Transfer (ACAT). Private institutions must be listed as an approved private provider by ACAT (see www.acat.alberta.ca (https://acat.alberta.ca/)) to be eligible for articulation decisions and transfer credit awards. Articulated course decisions listed on the Learner Pathways website will be used to award transfer credit by the University.

Transfer credit is awarded to MacEwan University as an institution and not to specific programs. Transfer credit awards, used to fulfill program requirements, are subject to the requirements and regulations of the admitting program and may vary from the total credit awarded by transfer to MacEwan University. Transfer credit is subject to:

1. Academic residency requirements and program-specific exemptions (Graduation Procedure)
2. MacEwan University's Inter-Institutional Transferability policy

These policies are available at MacEwan.ca/Policies (https://MacEwan.ca/Policies/).

Transfer credit evaluations are completed after an offer of conditional or full admission is made to a university program. It is the student's responsibility to review the transfer credit granted and bring any discrepancies to the attention of the Transfer Unit (transferunit@macewan.ca) in the Office of the University Registrar. Students are strongly encouraged to consult with an academic advisor

in their program of study to understand how transfer credit awards are applied to fulfill the program requirements.

Domestic and international students who have completed post-secondary/higher education outside of Canada should refer to the subsection, International Transfer Credit Evaluation, included in the "International Student" section of this Academic Calendar.

Articulation Requests

When previously completed courses are not included on the Learner Pathways website or are from institutions outside of Alberta, students may request to have their course(s) articulated to MacEwan. Students must use the Articulation Request System (ARS) to initiate the articulation process. ARS is accessed by using the *Evaluate My Transfer Credit* link under the *Admissions & Transfer* tile in *myStudentSystem*.

A term-specific course outline (or syllabus) is required for each course to be articulated. Upon upload to ARS, the articulation request and supporting documents are reviewed by MacEwan University discipline evaluators for an articulation recommendation. The articulation recommendation is added to the MacEwan University Transfer Credit database and the appropriate award is made to the student record. It is imperative for students to submit any articulation requests in a timely manner and to ensure that their official final transcripts have been received by MacEwan. The Course Outline/Syllabus (https://acrobat.adobe.com/link/review/?uri=urn:aaid:scds:US:279ad5cd-ece1-477e-b210-1edcb7576834) information sheet provides the course details required for an articulation review.

For more information on submitting an articulation request, see macewan.ca/apply-enrol/admissions/transfer-credit/transfer-request/ (https://www.macewan.ca/apply-enrol/admissions/transfer-credit/transfer-request/).

Visiting Students

Outbound (MacEwan University Students Studying at Another Post-secondary Institution)

Students enrolled in a program at MacEwan University who wish to take a course(s) offered by another post-secondary institution must obtain approval from their program. The approval process is subject to their Faculty/School regulations and, if granted, students are issued a Letter of Permission (LOP) by the Office of the University Registrar.

The Letter of Permission authorizes a student to take courses at another post-secondary institution as a visiting student. The letter includes:

- The name of the 'host' institution
- The term in which the student may register at the 'host' institution
- The student's current academic standing
- The 'host' institution's course and the MacEwan course for which credit will be granted upon successful completion

Upon completion of the course(s), it is the student's responsibility to ensure that an official transcript from the host institution is submitted by them directly to the Office of the University Registrar for the transfer credit to be recorded on the student's permanent record. Students are encouraged to use the www.myCreds.ca (https://mycreds.ca/) system whenever possible.

If an LOP course is needed to meet a prerequisite for an upcoming term, the FINAL and OFFICIAL transcript must be submitted by the following dates:

- August 15 for Fall Term courses
- December 15 for Winter Term courses
- April 15 for Spring/Summer Term courses

To meet the document deadline for Convocation, the FINAL and OFFICAL transcript must be submitted by the following dates:

- May 1 for Spring Convocation (June of each year)
- October 1 for Fall Convocation (November of each year)

Students who wish to participate in a Study Abroad opportunity should contact MacEwan International regarding the process.

Inbound (Other Post-secondary Students Studying at MacEwan University)

Students enrolled at another post-secondary institution who wish to study at MacEwan University should complete the following steps:

1. Apply to MacEwan University as an Open Studies student.
2. Submit a Letter of Permission from the home institution authorizing the student to attend MacEwan University to the Office of the University Registrar. The LOP must include the specific courses the student has been granted permission to register in and the student's current academic standing.
3. If the MacEwan course has a prerequisite, it is the student's responsibility to ensure that an official transcript is on file with MacEwan University as proof of meeting the prerequisite requirement prior to registration.
4. Only students deemed to be in good academic standing are eligible to enrol.

Advanced Placement (AP) Courses

Transfer credit will be granted for AP courses where an AP grade of 4 or 5 is received. A list of approved courses for transfer credit follows. Other courses may be considered on an individual basis.

AP Course	MacEwan Course Code	MacEwan Equivalent	Credits
Art History	APAR 100	ARTE 1XX	3
Biology	APBI 100	BIOL 1XX	3
Calculus AB	APMA 100	MATH 114	3
Calculus BC	APMA 101	MATH 114	3
Chemistry	APCH 100	CHEM 101/ CHEM 102	6
Chinese Language Culture	APML 100	CHIN 102/ CHIN 201[1]	6
Computer Science A	APCS 100	CMPT 103	3
Computer Science Principles	APCS 102	CMPT 101	3
Comparative Government & Politics	APPS 100	POLS 101	3
English Language & Composition	APEN 100	ENGL 102	3
English Literature & Composition	APEN 101	ENGL 103	3
Environmental Science	APES 100	SCIOP 1XX	3

European History	APHI 100	HIST 102	3
French Language & Culture	APML 101	FREN 211/ FREN 212[1]	6
German Language & Culture	APML 102	GERM 211/ GERM 212[1]	6
Japanese Language & Culture	APML 103	JAPN 201/ JAPN 202[1]	6
Latin	APCL 100	LATN 101/ LATN 102	6
Macroeconomics	APEC 100	ECON 102	3
Microeconomics	APEC 101	ECON 101	3
Music Theory	APMU 100	MUSC 1XX	3
Physics 1: Algebra-Based	APPH 103	PHYS 124	3
Physics 2: Algebra-Based	APPH 104	PHYS 126	3
Physics C: Electricity & Magnetism	APPH 102	PHYS 2XX	3
Physics C: Mechanics	APPH 101	PHYS 1XX	3
Psychology	APPY 100	PSYC 104	3
Spanish Language & Culture	APML 104	SPAN 211/ SPAN 212[1]	6
Statistics	APMA 102	STAT 151	3
Studio Art: 2-D Design	APAR 102	ARTE 111[2]	3
Studio Art: 3-D Design	APAR 103	ARTE 107[2]	3
Studio Art: Drawing	APAR 104	ARTE 110[2]	3
United States Government & Politics	APPS 101	POLS 1XX	3
United States History	APHI 101	HIST 1XX	3
World History	APHI 102	HIST 102	3

1

Fulfills the Language Other than English requirement.

2

A portfolio assessment may be required before credit is granted.

International Baccalaureate (IB) Courses

Transfer credit will be granted for IB courses where an IB grade of 5 or higher is received. A list of approved courses for transfer credit follows. Other courses may be considered on an individual basis.

IB Course	Level	MacEwan Course Code	MacEwan Equivalent	Credits
Biology	HL	IBBI 100	BIOL 107	3
Business & Management	HL	IBBU 100	BUSN 1XX	3
Chemistry	HL	IBCH 100	CHEM 101	3
Computer Science	HL	IBCS 100	CMPT 101/103	6
Computer Science	SL	IBCS 101	CMPT 101	3
Dance	HL	IBAR 100	GENOP 1XX	3
Design Technology	HL	IBAR 107	ARTE 106[1]	3
Economics	HL	IBEC 100	ECON 101/ ECON 102	6
Economics	SL	IBEC 101	ECON 101	3
English A: Literature	HL	IBEN 100	ENGL 102/ ENGL 103	6
English A: Language & Literature	HL	IBEN 102	ENGL 103	3
Environmental Systems & Society	SL	IBES 101	SCIOP 1XX	3
French A or B	HL	IBML 107	FREN 1xx[2]	6
Further Mathematics	HL	IBMA 103	MATH 114	3
Geography	HL	IBES 102	SCIOP 1XX	3
German A or B	HL	IBML 104	GERM 1xx[2]	6
History	HL	IBHI 100	HIST 1XX	3
Islamic History	HL	IBHI 102	HIST 2XX	3
Japanese AB	SL	IBML 108	JAPN 1xx[2]	6
Japanese B	HL	IBML 109	JAPN 1xx[2]	6
Latin	HL	IBHU 102	LATN 101/ LATN 102	6
Mandarin AB	SL	IBML 106	CHIN 1XX[2]	6
Mandarin B	HL	IBML 105	CHIN 1xx[2]	6
Mathematics	HL	IBMA 100	MATH 114	3
Music	HL	IBMU 100	MUSC 100	3
Philosophy	HL	IBPL 100	PHIL 1XX	3
Physics	HL	IBPH 100	PHYS 124/ PHYS 126	6
Physics	SL	IBPH 101	PHYS 124	3
Psychology	HL	IBPY 102	PSYC 104/ PSYC 105	6
Psychology	SL	IBPY 103	PSYC 104	3
Social & Cultural Anthropology	HL	IBAN 100	ANTH 1XX	3
Spanish A	HL	IBML 110	SPAN 1xx[2]	6
Spanish AB	SL	IBML 111	SPAN 1xx[2]	6
Sports, Exercise & Health Science	SL	IBPE 100	HEED 1XX	3
Theory of Knowledge	HL	IBPL 101	PHIL 1xx	3

1

A portfolio assessment may be required before credit is granted.

2

A language assessment may be required before credit is granted.

General Certificate of Education (GCE) - Advanced Level

Transfer credit will be granted for the GCE A-Level courses offered by Cambridge University and Edexcel. Courses from additional providers and countries with an education structure based on the British-pattern system will be considered upon request. A list of approved courses for transfer credit follows. For more information contact a program advisor or the Transfer & Articulation Unit.

A-Level Course	MacEwan Course Code	MacEwan Equivalent	Credits
Applied Information & Communication	GCEA 9713	MGTS 107	3
Arabic	GCEA 9680	LOE 100	6
Biology	GCEA 9700	BIOL 107/ BIOL 108	6
Biology (Edexcel)	GCEA 9BI0	BIOL 107	3

Business	GCEA 9609	BUSN 1XX	3
Business Studies (Edexcel)	GCEA 9BS01	BUSN 1XX	3
Chemistry	GCEA 9701	CHEM 101/ CHEM 261	6
Chemistry (Edexcel)	GCEA 9CH0	CHEM 101	3
Chinese	GCEA 9715	CHIN 1XX	6
Chinese (Edexcel)	GCEA 9CN0	CHIN 1XX	3
Classical Studies	GCEA 9274	CLAS 101/ CLAS 102	6
Computer Science	GCEA 9608	CMPT 103/ CMPT 200	6
Economics	GCEA 9708	ECON 101/ ECON 102	6
Economics A and B (Edexcel)	GCEA 9EC0/9EB0	ECON 101/ ECON 102	6
Economics A	GCEA 9EC0	ECON 101	3
Food Studies	GCEA 9336	BIOL 102	3
French	GCEA 9716	FREN 1XX	6
French (Edexcel)	GCEA 9FR0	FREN 1XX	3
German	GCEA 9717	GERM 1XX	6
German (Edexcel)	GCEA 9GN0	GERM 1XX	3
Greek (Edexcel)	GCEA 9GK0	GREK 1XX	3
Hinduism	GCEA 9014	ARTOP 1XX	3
History	GCEA 9389	HIST 1XX	6
History (Edexcel)	GCEA 9HI0	HIST 1XX	3
Islamic Studies	GCEA 9013	ARTOP 1XX	3
Japanese (Edexcel)	GCEA 9JA0	JAPN 1XX	3
Physics	GCEA 9702	PHYS 124/ PHYS 126	6
Physics (Edexcel)	GCEA 9PH0	PHYS 124	3
Psychology	GCEA 9990	PSYC 104/ PSYC 105	6
Psychology (Edexcel)	GCEA 9PS0	PSYC 104	3
Sociology	GCEA 9699	SOCI 100	3
Spanish	GCEA 9719	SPAN 1XX	6
Spanish (Edexcel)	GCEA 9SP0	SPAN 1XX	3
Statistics (Edexcel)	GCEA 9ST0	STAT 151/ STAT 252	6

OFFICE OF THE UNIVERSITY REGISTRAR INFORMATION

The Office of the University Registrar (OUR) is with MacEwan University's students throughout their entire journey. The OUR strives to provide exceptional service to support the university and empower current, former and future students.

- Enrolment (p. 71)
- Student Records and Transcripts (p. 71)
- Tuition and Fees (p. 74)
- Financial Aid (p. 79)
- International Students (p. 79)
- Institutional Graduation Regulations (p. 80)
- Open Studies (p. 81)
- Privacy and Confidentiality (p. 82)

Enrolment

All students at the university are required to self-enrol in courses by using myStudentSystem. Students will not be permitted to attend classes unless officially enrolled.

How to Enrol

- Log into myPortal.MacEwan.ca (https://myMacEwan.ca) using your MacEwan University Network ID
- Click on the myStudentSystem tab to enrol in courses

For guidance on how to use myStudentSystem navigate to the step-by-step instructions at MacEwan.ca/UsingMyStudentSystem (http://MacEwan.ca/UsingmyStudentSystem/).

Changes to Course Enrolment

Students may add, drop or swap course selections up until the last day to add or drop classes as specified in the Academic Schedule (p. 11) for each term. Course additions and swaps are limited to seat availability. Students may withdraw from a course without academic penalty up until the last day to withdraw date as specified in the Academic Schedule for each term.

Students are responsible to make any desired changes to their enrolment on myStudentSystem. **Notifying an instructor, ceasing to attend classes, or stopping payment will not be accepted as a course drop or withdrawal.**

- No record will appear on the transcript for any course dropped before the last day to add or drop, and students may be eligible for a fee adjustment if applicable.
- If a course is dropped after the last day to add or drop, the course will appear on the transcript with a “W” grade and the student will not be eligible for any fee adjustment. The student will be responsible for all tuition and fees.
- Add or drop changes may alter current fee assessments. Student balances are available on myStudentSystem. Refund information can be found in the Tuition and Fees Policy.
- As all courses may not be offered every term, students should consult the schedule of courses for each term before dropping a course.

Prerequisites/Corequisites

Each student is responsible for fulfilling each course prerequisite(s) or corequisite(s) as listed in the course description.

Repeating Credit Courses

A student in a credit course shall be allowed to repeat any course one additional time, regardless of whether the initial registration resulted in a failing or passing grade. However, completed credit will only be granted once for each course. For the overall graduation evaluation, the course with the highest grade will be used to fulfill graduation requirements and calculate the GGPA. Course Withdrawals (W) and Audits (AU) do not count as course attempts. More information can be found in the Repeating Credit Courses at MacEwan University Policy (https://www.macewan.ca/c/policies/repeating_credit_courses.pdf).

Students with Disabilities

Students who may require accommodations due to a disability are advised to discuss their needs with Access and Disability Resources (MacEwan.ca/Access). Students should also advise instructors at the beginning of the course if accommodations are requested.

Cancelled Class Statement

The Dean of a Faculty or School may determine that it is necessary to cancel a class section. If a class section is cancelled, every reasonable effort will be made to contact enrolled students. Where possible, students will be enrolled in another section of the same course or in another course that satisfies program requirements. If no suitable alternative is available, a refund will be issued in accordance with the Tuition and Fees Policy.

Student Records and Transcripts

MacEwan University will create and maintain student records necessary to meet the administrative and academic needs of the university and shall collect, retain, use, disclose and dispose of all information collected in accordance with the following policies:

- Management of Student Records and Information;
- Records Management;
- Use of Information Technology Resources Standard;

- Other related policies, official manuals of the university, and provincial/federal legislation pertaining to access to information and protection of privacy.

Official Student File and Record

The Official Student File and Official Student Record are maintained by the Office of the University Registrar, which is accountable for the management of these records. Student records are managed according to the provisions of the Management of Student Records and Information Policy.

Additional records relating to students may exist elsewhere in the university. Original consent to release personal information submitted by students to other departments must be sent promptly to the Office of the University Registrar for placement on the Official Student File.

Official Student Transcript

An Official Transcript of the student's academic record is created and maintained by the Office of the University Registrar.

The Official Transcript includes the student's legal name, birth date, program of study (including declared major, minor and stream), courses, grades, applicable academic standing designations, grade point average and graduation information (e.g., program, date and awards).

Students may request an Official Transcript online through myStudentSystem or by submitting a Transcript Request Form to the Office of the University Registrar.

Transcripts are considered confidential information and will not be released without proper authorization. Transcripts will be issued only as authorized on an official request; transcripts can be issued by mail, fax, electronically via MyCreds™ or picked up in person. Additionally, Official Transcripts can be sent electronically to member institutions of the Alberta Post-Secondary Application System. MacEwan University requires proper authorization to have transcripts sent to institutions, employers, legal counsel and other agencies. If students want the transcript(s) sent to a party other than themselves or a post-secondary institution, the name and address (including postal code) must be included.

Change of Name or Address

This information is only used for official university business. Having the current name, address and contact information on file with MacEwan University is critical to effective university communications with students.

Change of Legal Name: All legal name changes must be submitted in writing or on the Change of Personal Information form to the Office of the University Registrar. Requests must be accompanied by at least one of the following official government-issued identification (ID): valid driver's license, provincial ID card, passport or citizen documentation. Only current IDs will be recognized as valid. Expired IDs will not be accepted for a name change.

Change of Address: All program students at MacEwan University are given access to myStudentSystem. This allows students to change their address and telephone number. Students may also complete a Change of Personal Information form or mail a post office change notice to the Office of the University Registrar.

Change of Preferred Name: Students may change or update their preferred name through myStudentSystem.

Grading

MacEwan University utilizes the Alberta Common Grading Scheme for the reporting of final grades in credit courses. All final grades are reported to the Office of the University Registrar using letter grades. Letter grades shall be converted to the four-point grading scale for the calculation of a Grade Point.

Letter Grade	Grade Point Value	Grade Description
A+	4.00	Outstanding
A	4.00	Excellent
A-	3.70	
B+	3.30	
B	3.00	Good
B-	2.70	
C+	2.30	
C	2.00	Satisfactory
C-	1.70	
D+	1.30	Poor
D	1.00	
F	0.00	Fail
WF*	0.00	Withdraw Failure

*discontinued, effective the 2015/16 academic year

Grades and Notations Not Included in the GPA Calculations

Grade/Notation	Description
AU	Audit
CE	Course Ended (not applicable to credit courses)
CR	Completed Requirements
DEF	Deferred
IN	Incomplete
IP	In Progress (continued next term)
NC	Not Completed (not applicable to credit courses)
NCR	Not Completed Requirements
S	Supplemental Privilege (discontinued, effective the 2021/22 academic year)
SC	Successfully Complete (not applicable to credit courses)
TR	Transfer Credit
W	Withdrawal (without academic penalty)
Probation	
Required to Withdraw	

Grade Point Average

Grade Point Value: a number between 0.00 and 4.00 that is assigned to a letter grade.

Grade Points: calculated by multiplying the Grade Point Value by course credits.

Grade Point Average (GPA): a weighted average calculated by dividing the sum of all Grade Points by the sum of all credits attempted. GPA is calculated to two decimal points and is truncated.

Course	Grade	Grade Point Value	Credits	Total Grade Points
TPPR 109	In progress	-	-	-
SOCI 100	C+	2.30	3	6.90
HIST 260	B-	2.70	3	8.10
FREN 111	F	0.00	3	0.00
PSYC 104	W	-	-	-
Total			**9**	**15.00**

Term Grade Point Average (Term GPA): calculated by dividing the sum of Grade Points achieved in the term by the sum of all credits attempted in that term. A Term GPA is included on the transcript.

Cumulative Grade Point Average (CGPA): calculated by dividing the sum of the total Grade Points achieved at MacEwan University by the sum of all credits attempted at MacEwan University. The CGPA is included on the transcript.

Graduation Grade Point Average (GGPA): calculated by dividing the sum of the total Grade Points achieved and counted towards a program credential by the sum of all those credits. The GGPA value is not included on the transcript.

Passing Grade: the minimum grade required to earn credit for a course is D (1.00); however, a higher grade may be required in some courses to fulfill program requirements, proceed in a program, meet prerequisites, or transfer a course to another program or institution.

Student performance in a course shall normally be assessed on more than one occasion. No single evaluation event shall have a value of greater than 60% of the course grade, with the following exceptions:

- All one-credit courses are exempted
- Directed Field Studies courses (in Applied Degree programs) may be exempted where a single project or research study constitutes the course requirements
- Clinical courses in baccalaureate nursing, psychiatric nursing, nursing refresher and specialty nursing programs may be exempted
- 400-level seminars, independent study courses, directed research courses and thesis courses may be exempted

Deferred Exams: Application for a deferred examination must be made using an Examination Request form no later than two working days after the missed examination (see Student Assessments Policy and Student Deferrals Procedure).

Reassessment of Marks: Students may apply for a reassessment of submitted coursework, as outlined in the university's Grading Procedure that can be found at MacEwan.ca/Policies. (https://www.macewan.ca/about-macewan/policies/)

Former Grading Scales

1990–2004 – No grade of A+

September 1978 to August 1990

Grade	Description
A	Excellent: 4 Grade Points/Credit
B	Very Good: 3 Grade Points/Credit
C	Average: 2 Grade Points/Credit
D	Low Pass: 1 Grade Point/Credit
CR	Completed Requirements: Not Calculated in GPA
I	Incomplete: Not Calculated in GPA
W	Withdrew: Not Calculated in GPA
F	Failure: 0 Grade Points/Credit
AUD	Auditor: Not Calculated in GPA
NMR	No Mark Received: Not calculated in GPA Hours of Instruction

Academic Standing

MacEwan University is committed to academic success and provides a variety of services to help students achieve their goals. As part of this commitment, the university establishes the standards by which academic success is measured. These criteria are outlined in the university's Academic Standing policy, which can be found here (https://www.macewan.ca/c/policies/academic_standing.pdf).

An Academic Standing Year is a 12-month period between May 1–April 30 which defines the regular evaluation period for an Academic Standing review. The results of the Academic Standing review enable the university to recognize academic achievement and address unsatisfactory performance. Students are responsible for monitoring their own progress and for seeking assistance.

Satisfactory academic standing statuses include:

- Dean's List
- First Class Standing
- Good Standing

Unsatisfactory academic standing statuses include:

- Academic Probation
- Required to Withdraw

Unsatisfactory Academic Performance

Students who are placed on Academic Probation or Required to Withdraw are informed by the Office of the University Registrar.

Other considerations include:

1. A student with a record of excessive withdrawal grades, as determined by the Faculty or School, may be subject to review as per the Academic Standing policy.
2. A student's performance in a clinical, field placement, ensemble setting or equivalent learning activity may be reviewed at any time. This review may result in a student being placed on Academic Probation or Required to Withdraw if their performance is deemed inadequate relative to the standards required.
3. A student's performance may be subject to an administrative review as outlined in the Academic Standing policy.

More information, including conditions of unsatisfactory Academic Standing and options to appeal, is outlined in the Academic Standing policy.

Tuition and Fees

- Tuition (p. 74)
- Fees (p. 76)

Paying Tuition and Fees

The university provides several payment methods for tuition and fees. More information can be found by visiting MacEwan.ca/MakeAPayment (https://www.macewan.ca/apply-enrol/fees-finances/tuition-fees-payment/payments/).

We recommend that students use online banking to make payments. To pay tuition and related fees using this service, note the following:

1. Register with your bank to make online bill payments.
2. Select **MacEwan University** or **MacEwan University-Tuition** as the payee. If MacEwan University is not listed as a payee, try searching for Grant MacEwan University or Grant MacEwan College. If that is not successful, contact your bank.
3. The account number will be your seven-digit student ID number.
4. The payment will be considered received as of the transaction date. It can take 3 to 5 business days for a payment to appear in myStudentSystem.

Sponsored Students

If a third-party sponsor is paying tuition and fees on behalf of a student, the student must obtain a letter from the sponsoring agency. Sponsorship letters must be specific to the term. A new sponsorship letter is needed each year. A copy of this letter must be submitted to the Financial Services department prior to the fee payment deadlines. Sponsorship approvals may be emailed to acctrec@macewan.ca or faxed to 780-497-5450.

Refunds

Refunds for tuition and fees will be actioned according to the university's Tuition and Fees policy and procedure.

Tax Receipts

T2202 tax receipts will be available to students online via myStudentSystem at the end of February. Tax receipts will not be mailed and are only accessible via the myStudentSystem.

GST

GST is applied to material fees. GST is not applied to tuition.

Tuition

Students are required to make a direct financial contribution to the operating costs that come with educational activities. Tuition is a charge that supports the cost of instruction and is calculated by taking the number of course credits multiplied by the per-credit tuition rate for the program.

Tuition is established and reviewed on an annual basis through the university's approval process in accordance with the provincial *Tuition and Fees Regulations* made under the *Post-Secondary Learning Act*.

Domestic Tuition

Domestic tuition applies to Canadian citizens, Permanent Residents and Convention Refugees.

International students who have had a change of status should review the International Students (p. 79) - Immigration Status section of this Academic Calendar.

The following are the estimated tuition rates for the 2024/25 academic year, which are subject to approval by the Alberta Ministry of Advanced Education.

Bachelor Degree Programs

Program	Domestic Credit Rate
Bachelor of Arts	$203
Bachelor of Child & Youth Care	$203
Bachelor of Commerce	$203
Bachelor of Communication Studies	$276
Bachelor of Design	$276
Bachelor of Early Childhood Curriculum Studies	$236
Bachelor of Fine Art	$276
Bachelor of Music	$236
Bachelor of Psychiatric Nursing	$236
Bachelor of Science	$236
Bachelor of Science in Nursing	$236
Bachelor of Social Work	$203

Applied Degree Programs

Program	Domestic Credit Rate
Bachelor of Applied Human Service Administration	$236

Post-Diploma Certificate Programs

Program	Domestic Credit Rate
Cardiac Care Management	$276
Digital Experience Design	$276
Gerontology	$276
Hospice Palliative Care	$276
Perioperative Nursing for Registered Nurses	$276
Wound Management	$276

University Transfer Programs

Program	Domestic Credit Rate
Bachelor of Physical Education Transfer	$179
Bachelor of Science in Engineering Transfer	$165

Certificate and Diploma Programs

Program	Domestic Credit Rate
Accounting and Strategic Measurement	$179
Acupuncture	$276
Arts and Cultural Management	$203

Asia Pacific Management	$203
Bridge to Canadian Nursing	$276
Business Management	$179
Correctional Services	$179
Early Learning and Child Care	$165
Emergency Communications and Response	$179
Hearing Aid Practitioner	$203
Human Resources Management	$203
Library and Information Technology	$236
Massage Therapy	$203
Music Theatre Performance	$165
Occupational Health Nursing	$236
Office Assistant	$179
Open Studies	$236
Paralegal Studies	$179
Physical Therapist and Occupational Therapist	$179
Police and Investigations	$179
Public Relations	$179
Psychiatric Nursing (Diploma)	$236
Social Work (Diploma)	$179
Special Needs Educational Assistant	$179
Speech Language Pathologist Assistant	$179
Studio Art	$165
Theatre Production	$165
Travel	$179

Certificate of Achievement Programs

Program	Domestic Credit Rate
Behavioural Interventions Certificate	$236
Sustainability Certificate	$236

University and College Entrance Programming

Program	Domestic Credit Rate
Alberta Foundation Program	$236
English as an Additional Language (EAL)[1]	$276
Foundation Program: pimâcihisowin	$236
University Preparation (UP)[1]	$203

1

Tuition for University Preparation (high school) and English language preparation courses are calculated by taking 60% of the number of course credits multiplied by the per-credit tuition rate for the program.

International Tuition

International tuition applies to students who require a Study Permit to study in Canada, are in Canada with another Temporary Resident status, or are refugee/protected person claimants.

International students who have had a change of status should review the International Students (p. 79) - Immigration Status section of this Academic Calendar.

Non-Credit Courses

Fees for international students enrolled in non-credit programs and courses within the School of Continuing Education vary. Refer to the website at Macewan.ca/SCE (http://macewan.ca/SCE/).

Credit Courses

International students enrolled in Open Studies, degree, diploma or certificate programs will be assessed a minimum tuition rate equivalent to nine credits in the Fall and Winter terms, and on a per-credit basis during the Spring/Summer term. International students enrolled in preparatory programs will be assessed a minimum tuition rate equivalent to a full-credit load in all terms.

The following are the estimated tuition rates for the 2024/25 academic year which are subject to approval by the Alberta Ministry of Advanced Education.

Estimated program costs for international students are also available from the university's website at MacEwan.ca/FFI (http://macewan.ca/FFI/).

Post-Secondary Programs and Preparatory Programs (Fall/Winter)

Credits	Tuition Per Credit	Total Tuition
1	N/A	$7,200
2	N/A	$7,200
3	N/A	$7,200
4	N/A	$7,200
5	N/A	$7,200
6	N/A	$7,200
7	N/A	$7,200
8	N/A	$7,200
9	N/A	$7,200
10	$800	$8,000
11	$800	$8,800
12	$800	$9,600
13	$800	$10,400
14	$800	$11,200
15	$800	$12,000
16	$800	$12,800
17	$800	$13,600
18	$800	$14,400
19	$800	$15,200
20	$800	$16,000

Post-Secondary Programs and Preparatory Programs (Spring/Summer)

Credits	Tuition Per Credit	Total Tuition
1	$800	$800
2	$800	$1,600
3	$800	$2,400
4	$800	$3,200
5	$800	$4,000
6	$800	$4,800
7	$800	$5,600
8	$800	$6,400
9	$800	$7,200
10	$800	$8,000
11	$800	$8,800
12	$800	$9,600
13	$800	$10,400
14	$800	$11,200
15	$800	$12,000
16	$800	$12,800
17	$800	$13,600
18	$800	$14,400

English as an Additional Language (All Terms)

Units/Credits	Price Per Credit	Number of Courses	Price Per Course
15	$358	3	$1,790

Fees

Fees are costs that are assessed for specified products or services related to a program of study, such as instructional costs or materials.

Fees are also assessed for products or services that are available to students of MacEwan University.

Application Fees

An application fee of $110 per application is required. For most programs, applicants can select a second-choice program within the same application.

The fee must be paid at the time the application is submitted. Application fees are non-refundable and cannot be applied toward tuition.

Admission Confirmation Deposit

To guarantee a position in a program, applicants must accept the Offer of Admission by paying the Admission Confirmation Deposit on or before the acceptance deadline stated in myStudentSystem (https://www.macewan.ca/apply-enrol/using-mystudentsystem/) and their Offer of Admission letter. If students do not pay their admission confirmation deposit by the deadline indicated in their offer letter or myStudentSystem, their admission offer will be withdrawn. These funds are applied towards tuition.

All cheques, money orders, and drafts **must** have all of the following imprints by the bank:

- Bank transit/swift number
- Bank account number
- Branch number
- Cheque, money order or draft number

The university does not accept post-dated cheques.

For Canadian applicants, the most convenient method to pay a program deposit may be online.

Admissions Related Fees and Deposits

Fee Description	All Admission Intakes in this Academic Year
Application for Admissions Fee	$110
Admissions Confirmation Deposit (applied towards tuition)	$400[1]
Admission Confirmation Deposit for an International Applicant (applied towards tuition)	$1,000[2]
Outbound Exchange Student Application Fee	$100

1

Students may be eligible for a 50% refund of their Admission Confirmation Deposit if they notify the Office of the University Registrar in writing of their intent to withdraw from the university by the following deadlines:

- Fall term — July 1
- Winter term — November 1
- Spring/Summer term — March 1

2

International Admission Confirmation Deposits are non-refundable.

Mandatory Non-instructional Fees

Mandatory Non-instructional Fees (MNIFs) provide students with essential goods and services.

The following are the estimated fees for the 2024/25 academic year, which are subject to approval by the Ministry of Advanced Education.

Mandatory Non-instructional Fees	Fall or Winter Terms	Spring/Summer Term
Information Technology Fee	$34.50 (per term)	$34.50 (per term)
Medical Clinic Fee [1]	$12.00 (per term)	$12.00 (per term)
Mental Health Fee	$7.00 (per term)	$7.00 (per term)
Registrarial Service Fee	$18.00 (per term)	$18.00 (per term)
Sport and Wellness Fee[1]	$102.00 (per term)	$102.00 (per term)

1

Not applicable for programs offered at a campus outside of Edmonton.

Information Technology Fee

This fee was established to fund technology projects that specifically result in providing new or improved technology services that benefit students.

Medical Clinic Fee

This fee supports Health Services for all students. Students who need medical support may make an appointment at the MacEwan University Health Centre.

Mental Health Fee

This fee supports the provision of mental health and wellness services available to students, including mental health treatment and support, and health promotion and community-building initiatives.

Registrarial Service Fee

This fee covers a variety of services offered by the Office of the University Registrar, including but not limited to Application to Graduate, Parchment Replacement, Confirmation Letters and Undergraduate Transcripts.

Sport and Wellness Fee

MacEwan University supports the value of developing the whole person by providing students with opportunities to grow intellectually, socially, personally and physically. The Sport and Wellness fee provides students a membership to Sport and Wellness, funding for Recreation programming and Griffins Athletics.

Students' Association Fees

Students' Association Fees are established by the Students' Association of MacEwan University (SAMU). SAMU is the student government body that represents and serves MacEwan University students. SAMU is a statutory corporation established under section 93 of the *Post-secondary Learning Act*.

These fees are subject to change and more information is available on samu.ca (https://samu.ca/).

Students' Association Fees	Fall or Winter Terms	Spring/Summer Term
SAMU General Membership Fee	$13.50 (per credit, maximum $202.50 per term)	$13.50 (per credit, maximum $202.50 per term)
Special SAMU Membership Fee[2]	$4.66 (per credit, maximum of $69.90 per term)	$4.66 (per credit, maximum of $69.90 per term)
SAMU Building Levy[1]	$35.00 (per term)	$35.00 (per term)
U-Pass Fee[1]	$180.00 (per term)	$180.00 (per term)
Health Care Benefit Fee[3]	$114.75 (per term)	-
Dental Benefit Fee[3]	$93.37 (per term)	-
MyLegalPlan[3]	$18.00 (per academic year)	$18.00 (per academic year)
Global Education Fee[1]	$3.50 (per term, billed starting at 9 credits)	-

1

Not applicable for programs offered at a campus outside of Edmonton.

2

Only applicable for English as an Additional Language and University Preparation programs. The "SAMU General Membership Fee" is not charged to English as an Additional Language and University Preparation programs.

3

Not applicable for English as an Additional Language, University Preparation and Foundation students.

SAMU Membership Fees

The SAMU General Membership Fee and the Special SAMU Membership Fee are used to fund SAMU-led initiatives and student resources. These fees also support SAMU's advocacy work with MacEwan University and all levels of government.

Students will only be charged one of the SAMU Membership Fees depending on their current program of study.

SAMU Building Levy

The SAMU Building Levy is charged to all students who are registered for one credit or more in a single term. This levy is used to repay the SAMU Building's mortgage and any required maintenance costs.

U-Pass Fee

This fee is assessed each term (Fall, Winter and Spring/Summer) to all students who are enrolled in an on-campus program and registered in at least one credit that is on campus. The Universal Transit Pass (U-Pass) provides students with unlimited usage of regular transit services (this excludes special events, contracted and charter services).

SAMU administers the U-Pass. For more information regarding pick-up, service areas, Terms and Regulations and opt-outs please visit https://samu.ca/student-resources/academic-and-financial-support/u-pass (https://samu.ca/student-resources/academic-and-financial-support/u-pass/).

Health Care Benefit and Dental Benefit Fees

Mandatory Health Care Benefit and Dental Benefit Fees are charged to all full-time and part-time students. Any student with proof of alternate coverage for supplemental health care and/or dental care may opt-out of these plans prior to the advertised deadline date by contacting the plan administrator.

For more information about eligibility, policy content, family add-on, opt-out, and current network dental list visit https://samu.ca/student-resources/health-wellness/insurance (https://samu.ca/student-resources/health-wellness/insurance/).

MyLegalPlan Fee

A supplemental legal assistance fee is charged to all full-time and part-time students as part of the enrolment process. MyLegalPlan is built to address student concerns around the anxieties and financial pressures of pursuing legal action. MyLegalPlan is designed to ensure that students have a resource that provides considerable legal coverage and an easily accessible legal network of qualified and experienced lawyers from across the country.

For more information about eligibility, policy content, and current network visit https://samu.ca/student-resources/health-wellness/insurance (https://samu.ca/student-resources/health-wellness/insurance/).

Global Education Fee

This fee provides funds for overseas educational projects for underprivileged schools and students ($1.00); and also sponsors refugee students' attendance at MacEwan University ($2.50).

Material and Special Fees

Material and Special Fees vary by course and program.

A Material Fee is charged for materials that are retained or leased by a student; for example, the cost of specialized software.

A Special Fee is expended during the course of instruction, such as lab materials. Special Fees may include instruction costs in addition to regular class time (e.g., private music lessons, math tutor sessions, etc.).

Other Fees

MacEwan University may charge other fees that are not mandatory for all students.

Fee Description	Amount
Prior Learning Assessment and Recognition	$40.00
Course Audit	50% of course tuition (plus any applicable course material and special fees)
Deferred Examination	$75.00 for single exam; $150.00 for 2+ exams
Field Placement/Practicum Identification Card	$10.00
Locker Fees Per Term	$20.00
Locker Contents Reclaiming	$25.00

Photo Identification Card	$10.00
Photo ID Card Replacement	$10.00
Returned Cheque (NSF)	$40.00
Payment Plan (Administration Fee)	$50.00

Financial Aid

Government Loans and Grants

Government funding programs are available based on a student's financial need and their province of residence. An online application is required for Alberta residents enrolled in full-time studies. Part-time students can only apply by submitting a paper application. Through one application, Alberta Student Aid assesses a student's eligibility for Alberta student loans and grants, as well as Canada student loans and grants.

Students can apply online for funding via Alberta Student Aid (www.studentaid.alberta.ca (http://www.studentaid.alberta.ca/)). All students must create or update a verified Alberta.ca account to access or submit full-time student loan applications. New funding applications are generally made available in June or July for studies commencing on or after August 1. We recommend applying at least eight weeks before studies start. Students can apply for loan funding before being accepted into a program. However, students must be registered and enrolled full-time in their program to receive their funding.

Most students have an Alberta and a Canada student loan. Therefore, most students have two separate debts. Alberta and Canada have their own rules for loan repayment and the accumulation of interest. Students with Alberta student loans must start repayment twelve months after they leave school. Interest begins accruing on Alberta student loans at the same time. Interest on Alberta student loans does not accumulate while a student is enrolled in school. Students with Canada student loans must start repayment six months after they leave school. As of April 1, 2023, the Government of Canada permanently eliminated interest on all Canada student loans, including loans currently in repayment. Students remain responsible for paying interest that accrued on their Canada loans before April 1, 2023. While Alberta and Canada student loans must be repaid, grants do not as long as the student remains a full-time student during their study period. Student loan programs offer a Repayment Assistance Plan (RAP) for students who cannot repay their loan—contact funding lenders for more information.

For more information about government student loans, visit www.studentaid.alberta.ca (http://www.studentaid.alberta.ca/), www.csnpe-nslsc.canada.ca (https://www.csnpe-nslsc.canada.ca/) or MacEwan.ca/StudentLoans (http://macewan.ca/StudentLoans/).

Scholarships, Awards and Bursaries

MacEwan University offers hundreds of unique scholarships, awards and bursaries to students. Scholarships recognize academic excellence, while awards recognize a student's involvement and service in the community. Many students who face financial difficulties may benefit from MacEwan University's bursaries. Bursaries are issued to students who can demonstrate financial need and are in good academic standing.

During the 2022-23 academic year, the Fees & Financial Aid Office distributed over $8.2 million in donor and internally-funded student awards. Visit MacEwan.ca/Awards (https://www.macewan.ca/apply-enrol/fees-finances/scholarships-awards-bursaries/) for a complete list of scholarships, awards and bursaries offered to MacEwan University students. Enrolled students will receive an email when award applications open. They can go to myStudentSystem and click on the *Financial Aid* tile to apply. The main application periods open in September and January.

Other Funding Options

Depending on a student's educational goals, career goals, financial need and/or personal situation, there may be other options for financing their education, such as:

- Registered Educational Saving Plan (RESP)
- Advancing Futures Bursary
- Foundational Learning Assistance Program (for students enrolled in English as an Additional Language, University Preparation or the Alberta Foundation Program)
- Northern Alberta Developmental Council Bursary
- Financial/Banking Institute Student Line of Credit

For more information about funding options, students can visit the Fees and Financial Information page at MacEwan.ca/FFI (https://www.MacEwan.ca/FFI/). Students can also contact a Financial Aid Advisor at 780-497-5025 or toll-free at 1-888-497-4622 (extension 5025), studentloans@macewan.ca or awards@macewan.ca.

International Students

MacEwan University welcomes all international students to our world class institution. The university's commitment to being a leader in international education is reflected in all areas of programs and services. Our strong international reputation for excellence is based on 50 years of providing quality education to thousands of students from around the world. It is our privilege and pleasure to be your first choice in higher education and work with you to help you meet your academic goals.

Immigration, Refugees and Citizenship Canada Rules and Regulations

International students attending MacEwan University are responsible for familiarizing themselves with the Immigration, Refugees and Citizenship Canada (IRCC) rules and regulations regarding study permits, work permits and temporary resident visas. Under section 91 of the *Immigration and Refugee Protection Act* (IRPA), only licensees in good standing with the College of Immigration and Citizenship Consultants (CICC) or members of a Canadian law society may provide immigration advice. International students may seek student-related immigration information and advice from a licensed member of the CICC at MacEwan International. MacEwan International and the Office of the University Registrar issue letters and other documents required by international students for permit and visa renewals. If you are currently studying in Canada, you may also contact the IRCC Help Centre at 1-888-242-2100 for assistance.

Convention Refugees/Protected Persons who do not have Permanent Residence status should consult with a licensed specialist at MacEwan

International before applying to the university to discuss study permit requirements.

Immigration Status

Students' immigration status is recorded at the time of admission to MacEwan University. Students who require a Study Permit to study in Canada, who are in Canada with other Temporary Resident status, or who are refugee/protected person claimants whose *Notice of Decision* is pending are deemed to be an international student when enrolled at the university and are subject to all policies and regulations applicable to international students. This includes the assessment of tuition and fees which are assessed at the international tuition rate.

International students whose immigration status changes after admission must notify the Office of the University Registrar (OUR) of the change and provide the necessary supporting documentation. If notification and the applicable supporting documents are received by the OUR by the *Last day to add or drop Regular Session classes*, the change takes effect in the current academic term. Any notification of status change, including the submission of supporting documents, received after the *Last day to add or drop Regular Session classes* will result in the change taking effect in the next academic term. Tuition and fees will be assessed at the domestic tuition rate beginning in the term that the change in immigration status takes effect.

International Student Services

MacEwan International offers a range of services to help international students be successful in their studies and an active member of the university community. International Student Specialists assist students with understanding their program of study, the Canadian university environment, immigration compliance and regulations, as well as how to access additional academic, social, and career support services.

Admission and English Language Requirements (ELP)

- Undergraduate and preparatory program information and admission requirements can be found at MacEwan.ca/InternationalPrograms (http://macewan.ca/InternationalPrograms/)).
- English language proficiency requirements (see MacEwan.ca/ELP (http://macewan.ca/ELP/)).
- Professional Development program (one-year certificate programs for international students) information and admission requirements can be found at MacEwan.ca/SCEInternational (http://macewan.ca/SCEInternational/)

Application Process

International students applying to undergraduate or preparatory programs (excluding English as an Additional Language (EAL/ESL) submit their application through www.applyalberta.ca (http://www.applyalberta.ca/).

After you have submitted your online application, you will receive instructions for accessing the student portal, myPortal.MacEwan.ca. In the portal you can launch myStudentSystem to track your admission and upload your admission documents such as academic transcripts, English language proficiency test results, and passport information. Full details available at MacEwan.ca/International (http://macewan.ca/International/).

International students applying to English as an Additional Language or Professional Development programs submit their application through the School of Continuing Education, MacEwan.ca/SCEInternational (http://macewan.ca/SCEInternational/).

International Transfer Credit Evaluation

Upon acceptance to a degree, diploma or certificate program at MacEwan University, students with post-secondary/higher education completed outside of Canada, must initiate a transfer credit articulation review.

For each course previously completed with similar content to a MacEwan University course, a detailed, descriptive course syllabus is required. The course syllabus MUST be in English and the student is responsible for submitting a certified English translation of any document in a language other than English along with the original document.

All requests for transfer credit articulations are submitted through myStudentSystem. Complete details are available at MacEwan.ca/Transfer (http://macewan.ca/Transfer/).

Contact Information

Ayuko Matsumiya, RISIA, International Student Specialist
Yunzhuo (Grace) Li, RISIA, International Student Specialist
Monika Cox, RCIC, International Student Specialist
Nataliya Oliferchuk, RCIC, Manager, International Student Services
T: 780-497-5397
E: international@macewan.ca

Erin Wight, RCIC, Director, MacEwan International

Institutional Graduation Regulations

MacEwan University has institutional graduation regulations for all Ministry-approved programs which are established in the Graduation Procedure and the university's Academic Calendar. Each student must fulfill all of the following regulations in order to be eligible to graduate with a MacEwan University credential.

Academic Residency

A student must complete at least 50 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning assessment and recognition) are not included in the 50 per cent. Approved exemptions are noted in the program section.

Attendance

A student must comply with any course or program attendance and punctuality requirements as noted in degree or program regulations, course outlines or program handbooks. In addition, sponsored students may have special attendance requirements.

Graduation Grade Point Average

A minimum Graduation Grade Point Average (GGPA) of 2.00 on the 4.00 scale is required. For an Honours major, a minimum GGPA of 3.00 on the 4.00 scale is required.

Graduation with Distinction

Students with a GGPA of 3.70 or higher shall receive a credential "with Distinction." A notation will be made on the student's transcript.

Minimum Course Grade

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted. Some programs may require the achievement of

a specific grade in a course for graduation purposes. For specific course grade requirements, refer to your program of study.

Minimum Transfer Grade

A minimum course transfer grade of D is required except when a higher grade is specified as a program requirement for graduation – see "Minimum Course Grade" in the program of study (Inter-Institutional Transferability Policy).

Non-duplicative Coursework

Each course completed for credit or for which transfer credit is granted may be used only once towards fulfilling any program requirement.

Program Time Limit

The period of time permitted for completion of program requirements varies by credential as follows:

1. Certificates – 4 years
2. Post-Diploma Certificates – 3 years
3. Post-Basic Certificates – 3 years
4. Diplomas – 7 years
5. Applied Degrees of two-year duration – 6 years
6. Applied Degrees of four-year duration – 10 years
7. Baccalaureate Degrees – 10 years

Approved exemptions are noted in the program section.

Required English Course

A student in a Ministry-approved program shall take an English course as specified in the program of study (Required English Course Policy).

Policies

A comprehensive listing of all university policies may be found on the University's website at MacEwan.ca/PolicyManual.

As a student, it is your responsibility to know and understand the university policies that apply to you. If you have questions about a policy, contact your program or the Office of the University Registrar.

Open Studies

Overview

Students may take university courses for personal interest, or to explore options before choosing the post-secondary program that is right for them. This can provide students a head-start on their academic path.

Open Studies offers university-level credit courses, on a part-time basis, to learners who are not following a specific certificate, diploma or degree program, or visiting students from another post-secondary institution.

Enrolment limits

Enrolment limits apply. Students may enroll in a maximum of six credits per term and complete a maximum of 24 credits overall. Exemptions may be considered for exceptional circumstances, such as for visiting students. Students seeking an exemption to the enrolment limits may contact the MacEwan Academic Advising Centre, MacEwan.ca/Advising.

Moving toward a post-secondary credential

If a student is planning to pursue a MacEwan University certificate, diploma or degree program after their Open Studies experience, it is important that they apply and meet admission requirements as soon as possible. Students should familiarize themselves with the admission requirements for their program of interest, especially those related to post-secondary credits, and meet with an Academic Advisor. For students with nine or more post-secondary credits, most programs have a required minimum admission grade point average (AGPA) of 2.0. More information on AGPAs is available on MacEwan.ca/AGPA (https://www.MacEwan.ca/AGPA/).

Eligibility

To be considered for Open Studies a student must:

- Demonstrate English Language Proficiency (ELP) at the level required for degrees.
- Meet all prerequisites and co-requisites for individual courses.

Other eligibility considerations:

- If a student has been required to withdraw (or equivalent) from a program or institution, they are not eligible to attend classes for 12 months after the date of withdrawal. Students can apply during this 12-month period for an intake term that starts after the 12 months have elapsed.
- Transfer credit for students in Open Studies will be assessed only on request and only to establish prerequisites. Official transcripts are required to complete transfer credit evaluation. Detailed information on transfer credit and submission of transcripts is available at MacEwan.ca/Admissions (https://www.MacEwan.ca/Admissions/).

Admission and Enrolment Process

Search for classes

Before applying, students should search for class availability on MacEwan.ca/OpenStudies (https://www.MacEwan.ca/OpenStudies/). Many classes are reserved for program students and may not be available to Open Studies.

Students should review the Program of Study/Course List for their desired program to determine course suitability, then search for Open Studies courses according to that planned post-secondary program.

Apply

Once a student confirms their eligibility and class availability, they can apply to Open Studies through ApplyAlberta and pay the nonrefundable application fee. Students will be notified once they become an Open Studies student.

Enrol

Students will be able to enrol in available courses via myStudentSystem once Open Enrolment is available. Enrolment dates are posted on MacEwan.ca/OpenStudies (https://www.macewan.ca/academics/programs/open-studies/admissions/apply-enrol/).

Returning students

If a student has enrolled in Open Studies within the last year, then their file is still active, and they do not need to reapply; students are eligible to enrol in available courses via myStudentSystem.

If a student has not enrolled in any classes within the last year, they will need to reapply to Open Studies via ApplyAlberta and pay the nonrefundable application fee.

Note: if a student has already completed the maximum of 24 credits, they will not be eligible to return to Open Studies.

Visiting students

If a student is enrolled at another post-secondary institution, they may be eligible to take MacEwan University courses following these steps:

- Search for class availability. If the course a student is looking for is not available to those enrolling in Open Studies, they may contact the applicable program. Permission is required and will be subject to seat availability. High demand course may not be available during the Fall and Winter terms. Check the list of high-demand courses at MacEwan.ca/VisitingStudents (https://www.MacEwan.ca/VisitingStudents/).
- Request a letter of permission from a student's home institution indicating the courses they have permission to take and that they are in good academic standing.
- Apply to Open Studies through ApplyAlberta and pay the nonrefundable application fee.
- Submit the letter of permission, along with contact information, to the Office of the University Registrar at MacEwan University.

International students

- International students in Open Studies are not eligible to work off campus.
- Letters of Admission are not issued for Open Studies, which will impact study permit eligibility.
- International students considering Open Studies are encouraged to speak with an International Recruiter at MacEwan International before applying.

Advising

Students interested in Open Studies who need information, including course selection, enrolment limits, and future post-secondary planning, can contact the MacEwan Academic Advising Centre, MacEwan.ca/Advising (https://www.macewan.ca/academics/advising/academic-advising-centre/).

Privacy Notice for Applicants, Prospective, Current, or Former Students

This notice explains how MacEwan University collects, uses and shares personal information relating to applicants as well as prospective, current and former students, including student rights in relation to their own personal information.

In this notice:

- **Personal information** means any recorded information that can identify a student (whether alone or combined with other data), regardless of the format or media on which the data is stored. This includes information that can identify a student when combined with other data that is held separately but does not include information that has been manipulated so that one can no longer be identified from it (anonymous data).
- **Sharing** means any activity relating to personal information, including collection, use, disclosure, retention, and destruction.

Changes to this notice

The university may update this information at any time and may provide students with further notices on specific occasions where the university collects and uses personal information. Students should visit the Privacy and Information Management (https://www.macewan.ca/about-macewan/administration/information-and-privacy-office/) website regularly to take notice of any changes. However, where any changes affect student rights and interests, the university will make sure to bring this to students' attention and clearly explain what these changes mean.

How we collect your personal information

The university may collect personal information in several ways, including:

- Personal information provided when an individual expresses interest in applying to the university (e.g. by booking a place on an open house day)
- Personal information when an individual applies to be a student at the university (e.g. by applying online through ApplyAlberta)
- Personal information provided when an individual registers as a student at the university
- Personal information provided by a student throughout the course of their studies or relationship with the university (e.g. participating in institutional surveys)
- Personal information provided by a student when they communicate with the university by telephone, email or via the MacEwan website and social media (e.g. when an individual contacts any member of the MacEwan University staff to make an enquiry or raise a concern)
- Personal information collected or observed over the course of studies, including student use of university resources, services and systems, and other interactions with the university
- Personal information from third parties in the course of the application and admissions use, or during the course of studies (e.g. other institutions that deliver collaborative programs with the university, government departments, and previous or current school, college, university or employer who may provide a reference about a student or who may sponsor studies)

The university may also collect, or a student may choose to provide, the following types of more sensitive information:

- Information revealing race or ethnicity, visible minority status, political affiliation, religious beliefs, sexual orientation or preferences (whether indicated by gender or gender identity)
- Information about health, including genetic, disability or medical condition

These types of personal information require the university to take additional steps to ensure security and confidentiality.

Types of personal information used

Personal information that the university may use includes:

- Unique university student number and other examples of unique system Dis or personal identification numbers (e.g. Alberta Student Number (ASN), passport number, social insurance number (SIN), myStudentSystem ID)
- Contract information (e.g. name, marital status, address, date of birth, phone numbers and email addresses)
- Photos, video footage with a student's likeness, audio recordings

- Information provided as part of an application to study at the university, or created during the application use
- Financial information
- Attendance information (for teaching and pre-registration events)
- Visa and immigration information (including visa and passport details)
- Academic marks and progress
- Information provided in relation to extenuating circumstances, appeals and complaints
- References
- Disciplinary information
- Information regarding hobbies and interests
- Other personal information relating to academic support

Personal information provided by you about others

A student may provide the university with personal information about other individuals (e.g. emergency contact details and information of a family member). Students should notify the relevant person that they are providing contact details about to the university as their listed emergency contact.

How the University uses personal information about you

The University may use personal information (including sensitive personal information) about you for the following purposes:

- administration of applications (for example, receiving and using forms and applications, transcripts, assessments of applications, offers of admission)
- educational administration (for example, program and course registration, assessment of on-going academic status and standing, timetabling, scheduling of exams, assessing eligibility for financial aid and awards)
- administration of services for students (for example, booking a counselling session through Wellness and Psychological Services, receiving accommodations through Services to Students with Disabilities)
- administration of campus services to students (for example, registering a locker, Sport and Wellness membership, monthly parking, accommodations in Residence, ordering textbooks through the Bookstore)
- institutional analysis and planning purposes (using the information to evaluate progress toward strategic goals, to inform and support decision making, priority setting, long range planning, reporting official university data to faculty, staff, students, provincial and federal governments, external institutions and agencies and the general public, etc.)
- administrative research and statistical analysis in support of provision of education and general administration of the University (for example, to improve University programs, services and supports to students)
- research involving human subjects (only with Research Ethics Board approval and participant consent)
- provision of library and information services (for example, administration of membership, cards, loans and fines)
- to determine eligibility for services and supports available to current University students (for example, the UPass program)
- on-going communications from the University regarding University business and activities
- promotion of the University (for example, providing information about programs or services that may be of interest to you, and events hosted, co-hosted or supported by the University on and off-campus)
- provision and maintenance of IT Resources (for example, email accounts and internet access)
- security and crime prevention/detection (for example, the use of CCTV recording, security incident reports)
- provision and management of University owned property for students
- auditing compliance with the University's legal and regulatory obligations and policies
- handling complaints, appeals and disciplinary actions

The University may share information in de-identified or aggregate form without limitation.

Legal Authority for using your personal information

The university will only use personal information when permitted to do so by law. Most commonly, the university will use personal information:

- In the delivery of post-secondary education and services once a student has enrolled
- To comply with the university's legal obligations (e.g. complying with immigration health and safety law, preventing and detecting crime, assisting the police and other authorities with investigations)
- Where necessary for legitimate interests or the interests of a third party provided the student's interests and rights do not override those interests (e.g. monitoring the effectiveness and performance of the university's teaching, promoting equality and diversity, providing administrative and management services and recovering monies owed to the university)
- To protect students' vital interests or those of another person (e.g. where the university knows or has reason to believe that the student or another individual may suffer harm)

In circumstances where the student has a genuine choice as to whether the university should use their personal information, consent will be requested. The method used to obtain consent will depend on the scope and content of that purpose.

Where the lawful ground relied upon by the university to use any personal information is consent, the student will have the right to withdraw consent at any time without having to give any reason. However, if the student does so, the university may not be able to provide some or all of its services or the provision of those services may be affected. Where this is the case, the student will be notified accordingly.

In relation to sensitive types of personal information, the university may request a student's explicit consent unless a condition applies which allows for the use of such personal information without doing so.

Sharing your personal information with third parties

Where there are lawful grounds for doing so, the university may share students' personal information with the following third parties:

- Individuals employed or engaged by the university, to the extent necessary to perform their duties
- Students' Association of MacEwan University (SAMU) (limited to what is necessary for its operation and services—e.g. personal information required to obtain health and dental benefits, create voters' lists for student elections, manage the U-Pass program, etc.)
- External parties assisting with admissions or examination

- Agents assisting the university with international admissions (limited to what is strictly necessary for the performance of the agent's role)
- Internal and external auditors
- External examiners
- Other education institutions, partners or research organizations where a student's program is being run collaboratively, or where such parties host students for elements of their program (e.gt. other universities, schools, practicum placements, industry bodies)
- Third parties performing administrative functions on behalf of the university
- Debt collection agencies—when students have not paid fees that they owe
- Police and other investigative agencies—only where the disclosure of personal information would assist with the investigation of a crime or other alleged misconduct, and such disclosures are necessary and proportionate to the aims of the investigation
- The government and local authorities during information gathering exercises where the university is legally obliged to provide data
- External accommodation providers—where student accommodation is provided on behalf of the university
- For archival purposes in the public interest, and for historical research and statistical purposes
- Potential employers and other education institutions—to confirm if a student has graduated, the date of graduation, confirmation of an award, and the name of the certificate, diploma, or degree obtained (this is considered public information)

Where the university uses third parties to manage personal information on its behalf, a written agreement will be put in place to ensure that any personal information shared will be held in accordance with the requirements of applicable privacy legislation and that such vendors have appropriate security measures in place in relation to personal information. All third parties are subject to a Privacy and Security Assessment (PSA) by MacEwan prior to acquisition of programs or services.

Parents, family members and guardians are considered to be third parties and personal information will not be disclosed to such persons unless consent is provided, or the disclosures otherwise made in accordance with law.

The university may need to share personal information with a regulator or to otherwise comply with the law.

How the University keeps your personal information secure

The university has put in place appropriate technical and organizational security measures to prevent personal information from being accidentally lost, used, or accessed in any unauthorized way or altered or disclosed. In addition, the university limits access to personal information to the persons and organizations described above who have a need to access it. The university has an incident response plan to deal with any suspected personal information privacy and security breach.

Students must also be aware of their responsibilities concerning the privacy and security of information and IT resources, and adhere to any applicable university policies, standards and procedures.

How long the University will retain your personal information

The university may only retain information for as long as necessary to fulfill the purposes for which it was collected and to satisfy any legal, regulatory, accounting or reporting requirements.

Specified retention periods are applied to information in the custody and/or control of the university. In setting these retention periods, the university has considered:

- The nature, sensitivity and volume of the personal information
- The potential risk arising from the university's continued retention of the information
- The purposes for which the university may use personal information
- Whether the university is required to retain any personal information by law or in accordance with its legitimate interests

In some cases, the university may anonymize personal information so that it can no longer be identified with the individual, in which case the university may retain such data indefinitely.

Alumni

On graduation, students will automatically become members of the university alumni and may receive information relating to alumni activities, such as news, events and fundraising opportunities. There is further information available about alumni benefits on the Alumni Office (https://www.macewan.ca/about-macewan/alumni/) website. To opt out of receiving such information please send an email to alumni@macewan.ca.

Questions or comments

Any questions or comments regarding this notice or the use of personal information can be directed to the Privacy and Information Management Office at MacEwan University by email at privacy@macewan.ca or by phone at 780-497-5423.

SERVICES FOR STUDENTS

MacEwan University offers a wide variety of services for students, such as psychological services, financial advising, and services for students with disabilities. The full range of services and additional information can be found at MacEwan Advising Support (https://www.macewan.ca/campus-life/advising-support/)

EMERITI APPOINTMENTS

President Emeritus

David Atkinson, PhD (Calgary)

Deans Emeritus

Elsie Elford, MBA (Alberta)
School of Business

Debbie McGugan, MLS (Alberta)
John L. Haar Library

Denise Roy, MEd (Alberta)
Faculty of Fine Arts and Communication

Heather McRae, EdD (Simon Fraser)
School of Continuing Education

Professors Emeritus

David Atkinson, PhD (Calgary)
Department of English

Nancy Digdon, PhD (Western)
Department of Psychology

Jayne Gackenbach, PhD (Virginia Commonwealth)
Department of Psychology

Robert Hilts, PhD (Victoria)
Department of Physical Sciences

FACULTIES OF THE UNIVERSITY

- Arts and Science (p. 87)
- Business (p. 95)
- Continuing Education (p. 97)
- Fine Arts and Communications (p. 98)
- Health and Community Studies (p. 100)
- Nursing (p. 106)

Arts and Science

The Faculty of Arts and Science is home to the Humanities, Social Sciences, and Natural Sciences at MacEwan University. We are comprised of over 200 full-time faculty members and serve some 6,000 students. Our faculty members belong across nine academic departments: Anthropology, Economics, and Political Science; Biological Sciences; Computer Science; English; Humanities; Mathematics and Statistics; Physical Sciences; Psychology; and, Sociology. We are a large and diverse Faculty offering a wealth of perspectives and our students benefit from being able to choose from a wide selection of majors, minors, and courses. Our faculty members take our institutional mandate as a Teaching University seriously and model excellence in teaching in the classroom, lab, and in student mentorship. The majority of our faculty members are also active scholars, pursuing a variety of research, scholarship, and creative work.

Dean

Melike Schalomon, PhD (Alberta)
Neuroscience

Associate Dean, Academic (Interim)

Robert Wiznura, PhD (British Columbia)

English

Associate Dean, Development

Samuel Mugo, PhD (Memorial)
Analytical Chemistry

Associate Dean, Operations

Kevin Friesen, PhD (Alberta)
Physiology and Cell Biology

Departments

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Programs

Bachelor of Arts

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- Mathematics - Bachelor of Science (p. 365)
- Physical Sciences - Bachelor of Science (p. 432)
- Psychology - Bachelor of Science (p. 496)

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Department of Anthropology, Economics and Political Science

Interim Chair

Gaelan Murphy, PhD (Georgetown)
Government; Political Theory

Anthropology

Anthropology is the study of humans and human culture. As a discipline, it encourages recognition and understanding of the value of all humans, the diversity of human cultures across regions and in the past and present, and of the human experience in its wider context. It is a broad and inclusive social science discipline and Anthropologists draw upon theories and methods from fields such as psychology, economics, and political science, as well as biology, ecology, and zoology. Students may find themselves specializing in one of the five fields of anthropology: social/cultural anthropology, archaeology, biological anthropology, linguistic anthropology, or applied anthropology.

Faculty

Katie Biittner, PhD (Alberta)
Anthropology

Franca Boag, PhD (Alberta)
Anthropology

Leslie Dawson, PhD (Alberta)
Medical Anthropology

Jenanne Ferguson, PhD (Aberdeen)
Anthropology

Brittany Johnson, MA (Alberta)
Anthropology

Jennifer Long, PhD (Western Ontario)
Sociocultural Anthropology (Migration and Ethnic Relations)

Hugh McKenzie, PhD (Alberta)
Anthropology

Paul Prince, PhD (McMaster)
Anthropology

Treena Swanston, PhD (Saskatchewan)
Molecular Anthropology

Cynthia Zutter, PhD (Alberta)
Anthropology

Economics

Economics isn't just about the movement of money, goods, and services. It applies to every nook and cranny of human experience. It is an aspect of all conscious action. Whenever and wherever alternatives exist, life takes on an economic aspect. There is an economics of money and trade, of production and consumption, and of distribution and development. There is also an economics of welfare, manners, language, industry, music, and art. There is an economics of war and an economics of power. There is even an economics of love.

Faculty

Rafat Alam, PhD (Ottawa)
Economics

Junaid bin Jahangir, PhD (Alberta)
Economics

Constantin Colonescu, PhD (Charles)
Economics

Ergete Ferede, PhD (Alberta)

Economics

Joseph Fong, PhD (Queen's)
Economics

Doriane Intungane, PhD (Queen's)
Economics

Shahidul Islam, PhD (Oregon State)
Agricultural and Resource Economics

Yixuan Li, PhD (Waterloo)
Economics

Abdallah Zalghout, PhD (Carleton)
Economics

Political Science

As Aristotle points out, the 'science' of politics is the master science on which all other aspects of civilization depend. Political scientists examine how humans organize their societies and make collective decisions. Students taking political science will be able to understand and evaluate complex political issues in the contemporary world, develop independent analytical ability, and learn the basic concepts for making intelligent political analysis.

Faculty

Brendan Boyd, PhD (Victoria)
Public Administration

Chong Su Kim, PhD (Victoria)
Political Science

Chaldeans Mensah, PhD (Alberta)
Political Science

Gaelan Murphy, PhD (Georgetown)
Government; Political Theory

Marielle Papin, PhD (Laval)
Political Science

Jeffrey Rice, PhD (Queen's)
Political Science

John Soroski, PhD (British Columbia)
Political Science

Andrea Wagner, PhD (Carleton)
Political Science

Department of Biological Sciences

Biological Sciences is the study of living organisms, environments and the various relationships therein. It examines the structure, function, growth and development, origin, evolution, distribution, and classification of all living things. Biological Sciences at MacEwan University encompasses biochemistry, botany, genetics, microbiology, and zoology, allowing students to study a diverse range of organisms all the way from their molecular level to the ecosystems that these organisms inhabit. Courses in the department support two streams of study: Molecular/Cellular Biology and Ecology/Diversity Biology. Students will also gain technical expertise, which can be supplemented with research-intensive individual study courses or with field-based courses.

Chair

Kimberley Harcombe, PhD (Alberta)
Microbiology and Biotechnology

Faculty

Nina Bernstein, PhD (Alberta)
Biochemistry

Victoria Bowles, MSc (Alberta)
Biological Sciences

Karen Christensen-Dalsgaard, PhD (Manchester)
Plant Physiology

Mrinal Das, PhD (Alberta)
Zoology

Kathy Davies, BSc (Alberta)
Biological Sciences

Monica Davis, PhD (Alberta)
Molecular Biology and Genetics

Shannon Digweed, PhD (Lethbridge)
Evolution and Behaviour

Christina Elliott, MSc (Alberta)
Environmental Biology and Ecology

Leah Flaherty, PhD (New Brunswick)
Forestry and Environmental Management

Kevin Friesen, PhD (Alberta)
Physiology and Cell Biology

Randi Guest, PhD (Alberta)
Biological Sciences

Jessica Haines, PhD (Alberta)
Ecology

Melissa Hills, PhD (Australian National)
Biochemistry and Molecular Biology

Kevin Judge, PhD (Toronto)
Zoology

Erin Korpesho, MSc (British Columbia)
Environmental Sciences

David Locky, PhD (Alberta)
Environmental Biology and Ecology

David McFadyen, PhD (Alberta)
Molecular Biology and Genetics

Randi Mewhort, MSc (Alberta)
Environmental Biology and Ecology

Joshua Miller, PhD (Alberta)
Molecular Ecology

Lisa Prichard, PhD (Washington)
Pharmacology

Habib Rezanejad, PhD (Ferdowsi University of Mashhad)

Molecular and Cellular Biology

Ross Shaw, PhD (British Columbia)
Zoology

Treena Swanston, PhD (Saskatchewan)
Molecular Anthropology

Amy Tessier, MSc (Alberta)
Biological Sciences

Annette Trimbee, PhD (McMaster)
Biological Sciences

Arthur Whiting, PhD (Alberta)
Biological Sciences

Gord Youzwyshyn, MSc (Alberta)
Zoology

Department of Computer Science

Computer Science studies the nature and techniques of problem solving through computation. Understanding computation requires a knowledge of hardware, software, mathematics and logic. The discipline and practice includes the essentials such as psychology, philosophy, linguistics and management theories—computer science connects technology with people. Students can choose one of two streams of study in computer science. The general computer science major is flexible and allows students to create a focus that reflects your interests. The software professional concentration provides the best preparation for a career in software development.

Chair

Indratmo, PhD (Saskatchewan)
Computing Science

Faculty

Nesrine Abbas, PhD (Alberta)
Theoretical Computing Science; Graph Algorithms

Calin Anton, PhD (Alberta)
Computing Science

Sharon Bratt, PhD (Simon Fraser)
Instructional Technology

Brian Brookwell, MSc (Calgary)
Computing Science

Dana Cobzas, PhD (Alberta)
Computing Science

Jeffrey Davis, PhD (ETH Zurich)
Engineering

Mohamad El-Hajj, PhD (Alberta)
Computing Science

Mahdi Firoozjaei, PhD (Sungkyunkwan, Korea)
Computing Science

Indratmo, PhD (Saskatchewan)
Computing Science

Stephane Lemieux, PhD (Alberta)
Theoretical Computer Science

Cameron Macdonell, PhD (Alberta)
Computing Science

Nicole Malloy, MSc (Alberta)
Computing Science

Candy Pang, PhD (Alberta)
Computing Science

Tobias Renwick, MSc (Alberta)
Computing Science

Sam Qorbani, PhD (Carleton)
Information Technology (XR)

Department of English

The department of English offers a range of courses to all students, from first-year courses focusing on the basics of writing, composition, and literary study, to more specialized period and genre courses at the senior levels, In all of our courses, students will hone their writing and research skills and gain a body of knowledge that will help them succeed in both your studies and the workplace. Students will also apply critical reading and thinking skills, and add to their general education the opportunity to study many facets of language, aspects of popular culture, and thought-provoking works of literature.

Chair

Pamela Farvolden, PhD (Alberta)
English

Faculty

Jacqueline Baker, MA (Alberta)
Creative Writing

Michael Brisbois, PhD (Calgary)
English

David Buchanan, PhD (Alberta)
English

Sarah Copland, PhD (Toronto)
English

Robert Einarsson, PhD (Alberta)
English

Pamela Farvolden, PhD (Alberta)
English

Sara Grewal, PhD (Michigan-Ann Arbor)
Comparative Literature

Kathryn Holland, D.Phil. (Oxford)
English

David Hollingshead, PhD (Brown)
English

Chris Hutchinson, PhD (Houston)
Literature and Creative Writing

Rashmi Jyoti, PhD (Maharaja Sayajirao)
Canadian Diasporic Literature

Svitlana Krys, PhD (Alberta)
Slavic Languages and Literatures

Romuald Lakowski, PhD (British Columbia)
English Literature

Daniel Martin, PhD (Western Ontario)
English

Lisa Martin, PhD (Alberta)
Creative Writing

Craig Monk, D.Phil. (Oxford)
English

Mike Perschon, PhD (Alberta)
Comparative Literature

Julia Peters, PhD (Alberta)
Linguistics

Jillian Skeffington, PhD (Arizona)
Rhetoric and Composition

Mark Smith, PhD (California, Irvine)
English Literature

William Thompson, PhD (Alberta)
Children and Young Adult Literature

Joshua Toth, PhD (Western Ontario)
English

Camille van der Marel, PhD (Alberta)
English

Robert Wiznura, PhD (British Columbia)
English

Department of Humanities

Chair

Michael Carroll, PhD (Toronto)
History

Classics

Classics is the study of ancient Greek and Latin art, culture, history, literature and religion and their effects on subsequent and contemporary civilizations. The study of Classics helps provide a solid background and better understanding of many of the disciplines in the Arts and Social Sciences. It is a particularly valuable component of a liberal education. Training in Classics helps students develop skills in oral and written expression; it gives students a greater understanding of western artistic, literary and philosophical traditions. Classics develops well-rounded students capable of critical thought, articulate argumentation and considered reasoning.

Faculty

Colin Bailey, PhD (British Columbia)
Classics

Benjamin Garstad, PhD (St. Andrews)
Classics

Matt Gibbs, DPhil (Oxford)
Classics and Ancient History

Jessica Romney, PhD (Bristol)
Classics and Ancient History

History

Historians craft history, make history, do history, and record history. It deals with anything and everything; from the daily life of a peasant to the history of ideas to diplomacy and conflict, from the ancient Aztecs to conflict in Afghanistan. History has few thematic borders and is eclectic in its choice of research methods. Specialized history courses cover such diverse topics as crime in early modern Europe, diplomacy and conflict in the modern world, policy related to Aboriginal people in Canada and many others.

Faculty

Robert Falconer, PhD (Guelph)
History

Aidan Forth, PhD (Stanford)
History

Sean Hannan, PhD (Chicago)
History of Christianity

Robert Irwin, PhD (Alberta)
History

Jihyun Shin, PhD (British Columbia)
History

Kelly Summers, PhD (Stanford)
History and Humanities

Languages

Studying languages at MacEwan University will enhance all aspects of a student's educational experience. As our world continues to become culturally and economically more interconnected, being able to communicate in another world language is becoming increasingly necessary and important. Studying a language includes the study of a distinctive philosophical, literary, and artistic tradition. As students develop their language skills, they will foster improved critical thinking and problem-solving skills and you will broaden your appreciation of the world and its people.

Faculty

Etna Avalos, PhD (North Carolina at Chapel Hill)
Spanish / Latin American Studies

Erin Cowling, PhD (Johns Hopkins)
German and Romance Languages and Literatures (Spanish)

Marla Epp, PhD (Pennsylvania)
French Literature

Suzanne Hayman, PhD (Dalhousie)
French

Kyeongmi Kim-Bernard, PhD (Paris-Sorbonne)

French Literature (Lettres Modernes)

Cristina Ruiz Serrano, PhD (Alberta)
Modern Languages and Cultural Studies (Spanish and Russian)

Philosophy

Philosophy is one of the most abstract and yet practical and concrete disciplines of the Arts. It teaches analytical thinking, logical presentation, and competence with abstract concepts. More importantly, philosophy encourages students to consider more deeply and critically their own world-views and belief systems. It provides the opportunity to reflect, in a systematic and organized fashion, on basic issues that bear on our individual lives. The study of philosophy, especially ethics, can relate directly to business, medicine, public policy, education and law. Similarly, theoretical philosophy can complement and elaborate on concepts dealt with in psychology, sociology, religious studies and political science.

Faculty

Alain Beauclair, PhD (Oregon)
Philosophy

Celia Hatherly, MA (Toronto)
Philosophy

Edvard Lorkovic, PhD (Alberta)
Philosophy

Susan Mills, PhD (Pennsylvania)
Philosophy

Cyrus Panjvani, PhD (St. Andrews)
Philosophy

Department of Mathematics and Statistics

Mathematics is the study of numbers, shapes and relationships through the use of deductive reasoning, and includes both the elegance of pure theory and the application of this theory to all human endeavours. Students cover topics from the fields of algebra, analysis, geometry and applied mathematics.

Statistics is the science of collecting and analyzing data. Probability theory, the study of uncertainty, provides the foundation for all statistical models. Principles of probability theory and statistics are used to make decisions in the insurance industry, healthcare industry, the financial world, and in engineering.

Chair

Adi Tcaciuc, PhD (Alberta)
Mathematics

Faculty

Cristina Anton, PhD (Alberta); PhD (Romanian Academy)
Applied Mathematics; Probability and Mathematical Statistics

Sunil Barran, MSc (Alberta)
Mathematics; Partial Differential Equation

Elaine Beltaos-Kerr, PhD (Alberta)
Mathematics

Ion Bica, PhD (Alberta)
Applied Mathematics

Karen Buro, PhD (Aachen)
Mathematics

John Fedoruk, MSc (Alberta)
Statistics

Brian Franczak, PhD (Guelph)
Statistics

Rui Hu, PhD (Memorial)
Statistics; Applied Mathematics

Christian Ivanescu, PhD (Toronto)
Mathematics

Kathleen Lawry-Batty, PhD (Western Ontario)
Statistics

Shelley Lorimer, PhD (Alberta)
Engineering

David McLaughlin, PhD (Alberta)
Mathematics

John O'Connor, MSc (National University of Ireland); MSc (Alberta)
Mathematics; Statistics

Christopher Ramsey, PhD (Waterloo)
Mathematics

Mark Solomonovich, PhD (Tomsk State)
Theoretical and Mathematical Physics

Nicolae Strungaru, PhD (Alberta)
Mathematics

Wanhua Su, PhD (Waterloo)
Statistics

Adi Tcaciuc, PhD (Alberta)
Mathematics

David Thiessen, BSc (Alberta)
Statistics

Nataliya Zadorozhna, PhD (Ukrainian National Academy of Sciences)
Mathematics

Department of Physical Sciences

Chair

Vahid Rezania, PhD (Institute for Advanced Studies in Basic Sciences)
Theoretical Physics

Chemistry

Chemistry encompasses the synthesis and study of molecules and materials, the exploration of their properties, and the development of ways to use them in our everyday lives. Advances in chemistry provide the understanding that underpins much of modern science; from the food we eat and the medicines we take, to the environment in which we live. Chemistry is an ideal subject for students interested in developing a cross-disciplinary knowledge base. Students gain an understanding

of the essential principles of chemistry, and translate that knowledge in the laboratory. Students learn how chemistry is used in medicine, crime scene investigation, and environmental science.

Faculty

Laurie Amundson, MSc (Victoria)
Chemistry

Lioudmila Badalova, PhD (Moscow State)
Inorganic Chemistry

Tina Bott, PhD (Alberta)
Organic Chemistry

Lucio Gelmini, PhD (Windsor)
Chemistry

Japhet Irangu, PhD (Alberta)
Inorganic Reaction Mechanisms

Roland Lee, PhD (Tasmania)
Process Chemistry

Jorge Llano, PhD (Uppsala)
Biophysical Chemistry

Samuel Mugo, PhD (Memorial)
Analytical Chemistry

Matthew Ross, PhD (Alberta)
Chemistry

Manzar Saberi, PhD (National University of Iran)
Organic Chemistry

Aaron Skelhorne, PhD (Alberta)
Analytical Chemistry

Kaitlyn Towle, PhD (Alberta)
Chemistry

Nina Vo, MSc (Alberta)
Chemistry

Ross Witherell, PhD (Alberta)
Chemistry

Ting Zhou, PhD (Alberta)
Chemistry

Earth and Planetary Sciences

Earth and planetary sciences is a broad discipline that connects biology, chemistry, physics and mathematics to understand planetary processes and environments. It is essential for understanding the processes that shape planets (including the Earth), and is key to understanding and addressing many environmental phenomena and issues. The Earth and planetary sciences are an excellent choice for students looking for a way to study and integrate the basic sciences, beyond traditional disciplinary boundaries. Special emphasis is placed in laboratory skills and field training.

Faculty

Carolyn Furlong, PhD (Alberta)
Earth and Atmospheric Sciences

Fedora Gonzalez-Lucena, PhD (Ottawa)
Earth Sciences

Janice Kenney, PhD (Notre Dame)
Earth and Atmospheric Sciences

Nancy McKeown, PhD (California, Santa Cruz)
Geological and Environmental Sciences

Robin Woywitka, PhD (Alberta)
Earth and Atmospheric Sciences

Physics

Physics is the most fundamental science, encompassing the study of the universe from the largest galaxies to the smallest subatomic particles. It challenges imaginations, and it leads to theories, discoveries and new technologies that impact our everyday lives; from healing joints and curing cancer, to developing sustainable energy solutions. Physics is an ideal choice for students who like solving challenging problems. Physics provides the tools needed to break down a problem into basic principles and applications that span a range of fields and industries. It is increasingly applied in biochemistry, biology, and medicine.

Faculty

Stefan Cartledge, PhD (Northwestern)
Physics and Astronomy

Evan Hackett, PhD (Alberta)
Physics

Michelle Hanlon, MSc (Alberta)
Physics

Vahid Rezania, PhD (Institute for Advanced Studies in Basic Sciences)
Theoretical Physics

Logan Sibley, PhD (Alberta)
Physics

Department of Psychology

Psychology is both an arts discipline (covering such topics as social psychology and personality) and a science discipline (covering such topics as visual perception and the neurological processes involved in memory formation). Regardless of a student's focus, the fundamental question that the discipline of psychology seeks to answer is, "Why do people do what they do?" At a basic level, students who study psychology come to understand and appreciate the many factors that influence and motivate human behaviour, and have an opportunity to gain a foundation in the various sub-fields such as cognitive psychology, developmental psychology, experimental psychology, forensic psychology, and clinical psychology. Students develop a number of valuable skill-sets, including the ability to formulate evidence-based arguments, and critically evaluate research findings.

Chair

Aimee Skye, PhD (McMaster)
Cognition

Faculty

Nicole Anderson, PhD (McMaster)

Perception and Psychophysics

Craig Blatz, PhD (Waterloo)
Social Psychology

Kathleen Corrigall, PhD (McMaster)
Music Perception and Cognition/Developmental Psychology

Shannon Digweed, PhD (Lethbridge)
Evolution and Behaviour

Miranda Giacomin, PhD (Wilfred Laurier)
Social Psychology and Personality

Trevor Hamilton, PhD (Alberta)
Neuroscience

Cameron Hassall, PhD (Victoria)
Cognitive Neuroscience

Lynne Honey, PhD (McMaster)
Evolution, Learning, and Behaviour

Andrew Howell, PhD (Concordia)
Clinical Psychology

Michelle Jarick, PhD (Waterloo)
Cognitive Neuroscience

Sandy Jung, PhD (Victoria)
Forensic Psychology

Eric Legge, PhD (Alberta)
Experimental/Comparative Cognition

Miranda Macauley, MA (Nevada, Reno)
Behaviour Analysis

Michele Moscicki, PhD (Alberta)
Comparative Cognition and Behaviour

Laura Offrey, PhD (Alberta)
Clinical Psychology

Kristine Peace, PhD (Dalhousie)
Forensic, Social and Memory

Alexander Penney, PhD (Lakehead)
Clinical Psychology

Russ Powell, PhD (Alberta)
Behaviour Analysis

Sean Rogers, PhD (Northcentral)
Stress, Growth and Trauma

Melike Schalomon, PhD (Alberta)
Neuroscience

Rodney Schmaltz, PhD (Alberta)
Social Psychology

Christopher Striemer, PhD (Waterloo)
Cognitive Neuroscience

Tara Vongpaisal, PhD (Toronto)
Developmental Psychology

David Watson, PhD (Alberta)
Personality, Psychometrics, Experimental Psycopathology

Department of Sociology

Sociology is the scientific study of society using the Sociological Imagination to examine social structures, interactions, and relationships, as well as culture. Sociologists shed light on a broad scope of social phenomena – such as family life, street and corporate crime, multiculturalism, and globalization - by investigating social inequality, patterns of behaviour, forces for social change and resistance, and how social systems work. As a liberal arts discipline, sociology provides students with an understanding of how people's experiences vary by race, class, gender, age, and other ascribed statuses. Students also develop an understanding of the impact social institutions have on individuals, the ability to develop evidence-based arguments and write reports, the ability to use statistics software, and the ability to evaluate different research methods.

Chair

Michael Gulayets, PhD (Alberta)
Sociology

Faculty

Daniel Alati, DPhil (Oxford)
Law

Tami Bereska, PhD (Alberta)
Sociology

Michael Gulayets, PhD (Alberta)
Sociology

Parvinder Hira-Friesen, PhD (Calgary)
Sociology

Emily Milne, PhD (Waterloo)
Sociology

Joanne Minaker, PhD (Queen's)
Socio-Legal Studies

Amanda Nelund, PhD (Manitoba)
Sociology

Alissa Overend, PhD (Alberta)
Sociology and Physical Education/Recreation

Andrew Patterson, PhD (British Columbia)
Sociology

Annaliese Pope, MA (Western)
Sociology

Korbla Peter Puplampu, PhD (Alberta)
Sociology

Susan Raine, PhD (Alberta)
Sociology

Sandra Rollings-Magnusson, PhD (Alberta)
Sociology

William Schultz, MA (Alberta)

Sociology

Michael Seredycz, PhD (Nebraska)
Criminal Justice

Stephen Speake, PhD (Alberta)
Sociology

Jeffrey Stepnisky, PhD (Maryland)
Sociology

Diane Symbaluk, PhD (Alberta)
Sociology

Kalyani Thurairajah, PhD (McGill)
Sociology

Jessica Wright, PhD (Toronto)
Sociology

Business

The School of Business at MacEwan University is proud to offer an all-encompassing business education experience for its students with diverse faculty from across the globe. With 11 programs, including one baccalaureate degree with seven majors (with co-operative education streams), 18 minors and three honours designations, one applied bachelor degree, 8 diploma programs and four certificate programs, the comprehensive range of programming at the School of Business is your best option for starting your career in business.

Our faculty, with backgrounds and specialties covering all aspects of business, challenge students with relevant and in-depth business concepts, preparing them for a successful business career. Upon graduation, our students are work ready, in high demand and ready to make a difference.

The School of Business is comprised of four departments listed below including the department's list of full-time faculty members. In addition to full-time faculty members, sessional instructors, mainly from industry, also teach in School of Business programs.

Dean

Richard Perlow, PhD (Houston)
Industrial-Organizational Psychology

Associate Dean

Sherif Elbarrad, PhD (Ain-Shams)
Accounting. FCPA. FCMA

Associate Dean

Ali Taleb, PhD (HEC Montreal)
Strategy and International Business

Departments

- Department of Accounting and Finance (p. 95)
- Department of Decision Sciences (p. 96)
- Department of International Business, Marketing, Strategy and Law (p. 96)
- Department of Management and Operations (p. 97)

Programs

- Accounting and Strategic Measurement (p. 557)
- Asia Pacific Management (p. 567)
- Bachelor of Commerce
  - Accounting (p. 112)
  - Human Resources Management (p. 302)
  - International Business (p. 309)
  - Legal Studies in Business (p. 324)
  - Management (p. 331)
  - Marketing (p. 338)
  - Supply Chain Management (p. 545)
- Bachelor of Applied Business Administration - Accounting (suspended)
- Business Management
  - Aviation Management (p. 569)
  - Business Management Certificate (p. 573)
  - Business Management Diploma (p. 574)
  - Insurance and Risk Management (p. 589)
- Human Resources Management (p. 587)
- Library and Information Technology (p. 595)
- Paralegal Studies (p. 603)
- Travel and Tourism (p. 626)

Department of Accounting and Finance

Accounting is the language of business. Accountants provide businesses with the tools to make informed decisions with respect to optimizing resources. The Department Accounting and Finance at MacEwan University strives to offer the highest quality of education for students studying in Alberta. With faculty members from a wide range of backgrounds and experience in the industry, the department offers students the guidance and mentorship required to succeed in the fast-paced work environment and demanding professions in the fields of accountancy and finance.

Faculty

Khalaf Al-Jarrah, MA (UBFS)
Finance. CPA. CGA.

Sherif Elbarrad, PhD (Ain-Shams)
Accounting. FCPA. FCMA.

Dorothee Feils, PhD (South Carolina)
Finance, International Business

Stephanie Ibach, DBA (Athabasca)
Accounting. CPA. CGA.

Rahat Jafri, PhD (Calgary)
Accounting.

Natalia (Natasha) Khinkanina, PhD (St. Petersburg)
Accounting. CPA.

Joanne Loh, MBA (Leicester)
Finance. CPA. CGA.

Michelle Malin, MPAcc (Saskatchewan)

Accounting. CPA. CA.

Igor Oliveira dos Santos, PhD (HEC Montreal)
Business Administration.

Eloisa Perez, PhD (UAB)
Entrepreneurship. CPA. CMA.

Dal Pirot, MPAcc (Saskatchewan)
Accounting. CPA. CGA.

Humayun Qadri, MBA (Indiana University of Pennsylvania)
Accounting. CPA. CGA.

Dominic Roberts, PhD (Essex)
Accounting. CPA.

Raina Rudko, MBA (Southern Queensland), MEd (Alberta)
Educational Psychology and Technology

Frank Saccucci, MBA (Windsor)
Accounting & Marketing

Neetu Sharma, MBA (Alberta)
Accounting. CMA

Greg Springate, MBA (Simon Fraser)
Business Administration. CPA. CA.

Shankar Subramani, MBA (Manchester)
Accounting & Finance. ACMA (UK). CPA. CMA.

Department of Decision Sciences

The Department of Decision Sciences is an interdisciplinary department in the School of Business. As a department, it brings together faculty from several fields in the social sciences with a common interest in the normative and positive study of judgment and decision making in the context of an organization, operation or at an individual level, thereby applying qualitative and quantitative approaches, experimental as well as market approaches. We have a particularly strong focus on Supply Chain Management, the coordination and integration of a value network to ensure a continual refinement of products and services with agility, adaptability, and alignment so that they satisfy demands in the global market.

Our faculty have backgrounds spanning from economics and statistics to insurance studies, management science, information systems management and marketing. Many of our faculty have international and industry experience, and the department maintains close links with industry and several designation-granting bodies.

Faculty

Brian Almquist, PhD (Iowa)
Management Sciences

Victor Bilodeau, DBA (Southern Queensland)
Management Information Sciences.

Rickard Enstroem, PhD (Alberta)
Marketing

Subhadip Ghosh, PhD (Indian Statistical Institute)
Economics

Chris Hancock, MBA (Southern Queensland)
Leadership

Randy Jenne, MEd (Southern Queensland)
Education Technology. CCNA. CCAI.

Rohit Jindal, PhD (Michigan State)
Environmental & Resource Economics

Mico Kurilic, MEng (Alberta)
Engineering & Supply Chain Management

Craig Kuziemsky, PhD (Victoria)
Health Systems Management

Arka Mukherjee, PhD (Concordia University)
Decision Sciences

Ryan Orchard, MASc (Waterloo)
Management Sciences

Parminder Singh Kang, PhD (De Montfort)
Information Technology

Joong Son, PhD (Washington)
Operations & Supply Chain Management

Xiaojia (Sunny) Wang, PhD (Hong Kong)
Operations Management

Allan Wesley, MA (Alberta)
Economics

Department of International Business, Marketing, Strategy and Law

This department delivers courses which develop students' critical and analytical business skills. Our courses focus on challenging students to develop a global mindset, navigating the legal environment of business, creating marketing strategy, conducting stakeholder analysis, and managing public relations. The department is also committed to delivering rich international educational experiences for students.

Faculty have backgrounds in strategy, international business, law, marketing, public relations, and tourism. Many of our faculty are actively engaged in academic and industry focused research both locally and internationally. Many of our faculty members publish in highly ranked academic journals.

Faculty

Fernando Angulo, PhD (UAB Barcelona)
Entrepreneurship and Management, Marketing and Market Research

Hadi Chapardar, PhD (Western)
Business Administration

Arlan Delisle, LLM (York)
Energy & Infrastructure Law

Quin (Claire) Deng, PhD (Alberta)
Marketing

Carlos Freire-Gibb, PhD (Aalborg)

Economic Geography

Bob Graves, PhD (Tennessee)
Marketing

Makarand Gulawani, PhD (Pune)
Marketing

Travis Huckell, LLB (Alberta)
Law

Brian Keller, LLM (Edinburgh)
Intellectual Property

Alexandra Lyn, LLM (California, Berkeley)
Law & Technology

Raina Mohamed, PhD (Nottingham)
Marketing

Etayankara (Murli) Muralidharan, PhD (Manitoba)
Business Administration

Joseph Owusu, PhD (Alberta)
Strategic Management and Organization

Albena Pergelova, PhD (UAB)
Entrepreneurship and Management, Marketing and Market Research

Ali Taleb, PhD (HEC Montreal)
Strategy and International Business

R. McKay White, PhD (Alberta), LLB (Alberta)
Economics

Department of Management and Operations

This department develops and instills students with the capabilities of a successful business manager. Understanding the elements of a business and how they work together as a cohesive unit is key for a manager to lead, develop and innovate a business successfully.

Faculty from a wide range of disciplines (leadership development, knowledge management, organizational behaviour and learning, business rhetoric, strategic human resources development, and business consulting), experiences (private and public sector, not-for-profit, business incubators) and backgrounds (Europe, Asia, Africa, Latin-America and North-America) give students a thorough education in each of their courses.

Faculty

Mike Annett, PhD (Alberta)
Business, CHRP

Lyle Benson, PhD (Alberta)
Physical Education and Sport Studies

Evandro Bocatto, PhD (ESADE)
Management Studies

Francoise Cadigan, PhD (Manitoba)
Management Studies

Xi Chen, PhD (New York)
Organizational Behaviour

Theresa Chika-James, PhD (Cardiff)
Management & Organizational Behaviour

Dianna Dempsey, PhD (Alberta)
Strategic Management & Organization, CHRP

Norene Erickson, PhD (Alberta)
Educational Policy Studies

Leanne Hedberg, PhD (Alberta)
Social Innovation & Entrepreneurship,, CPHR, CSP

Charles Keim, PhD (British Columbia); PhD (Alberta)
English Literature, Organizational Behaviour

Tiffany Kriz, PhD (Case Western Reserve)
Organizational Behaviour

Noufou Ouedraogo, PhD (Strasbourg)
Management

Richard Perlow, PhD (Houston)
Industrial-Organizational Psychology

Tarek Salem, DBA (Arab Academy of Science & Technology)
Entrepreneurship

Lisa Shamchuk, MLIS (Alberta)

Bruce Thomson (Monash)
Business & Economics

Continuing Education

The School of Continuing Education was established in 2014 as the home of innovative education experiences and credentials that complement and enhance MacEwan's diploma and degree programming and pedagogy. The guiding principles of the School address academic excellence, innovation, partnerships and sustainability. The School has six units: Academic and Language Preparation, Professional and Continuing Studies, SCE International, Career Studies, Professional Health Education and the Conservatory of Music. The types of programs and services offered include: English as an additional language instruction; academic upgrading; certificate programs; general interest courses; professional development courses, workshops and seminars; customized training and partnerships with business, industry, health, and community-based organizations; international professional development programs and study tours and music lessons, workshops, concerts, festivals and events.

Dean

Lisa Rochman, PhD (Ben Gurion)

Associate Dean

Eaman Mah, MEd (Alberta)

Departments

- English as an Additional Language (p. 98)
- University Preparation (p. 98)

English as an Additional Language

Chair

Richard Pereschitz, MSc (University of Calgary)

Faculty

Andrea Cheuk, BA (Alberta), Grad. Dip. (Alberta)
Spanish, TESL

Birgitta Fishwick, MA (Dalhousie), MEd (St. Mary's)
French, TESL

Michelle Lalonde, BA (L'Universite D'Ottawa)
TESL

Eaman Mah, MEd (Alberta)
TESL

Terry McLean, MEd (Alberta)
TESL

Peter Myhre, MEd (Alberta)
TESL

University Preparation

Chair

Richard Pereschitz, MSc (University of Calgary)

Faculty

Andrew Buhr, BSc (Hon.) (Alberta)
Mathematics

Michael Buhr, MSc (Alberta)
Engineering

Maria Candeias, BEd (Alberta)
Mathematics; Secondary Education

Son Doan, BSc (Alberta), BEd/AD (Alberta)
Chemistry; Secondary Education

Debra Lenton, BA (Alberta), BEd (Alberta)
English; Secondary Education

Donna McKenzie, BE (Saskatchewan), BEd/AD (Alberta)
Engineering; Secondary Education

Richard Pereschitz, MSc (Calgary)
Zoology

Martin Tucker, BSc (Alberta), BEd/AD (Alberta)
Biology; Secondary Education

Fine Arts and Communications

The Faculty of Fine Arts and Communications (FFAC) is a creative community, led by a group of talented and experienced faculty and fostered through exciting collaboration with students across disciplines. Our faculty are active practitioners and innovators in their fields. Shared spaces and evolving curricula incubate creative dvelopment. We engage with Edmonton's urban art district through student-driven projects, work-integrated learning, and community-service learning. Guest lectures, visiting artists, performances, and exhibitions enrich the academic experience. Research is woven throughout the curriculum, through independent studies, in-class assignments, and/or students partnering with faculty on their research projects.

The Faculty's newest credential is a post-diploma certificate in Digital Experience Design, a practice-based program that prepares students to solve problems using digital technologies. FFAC is also proud of its recently launched Bachelor of Fine Arts (BFA), with majors in Arts and Cultural Management, Music Theatre Performance, Theatre Production, and Studio Arts, which began delivery in 2022-23. These are valuable additions to our well-established Bachelor of Music (BMus), Bachelor of Communication Studies (BCS), and Bachelor of Design (BDes).

FFAC recently hired ten new tenure-track faculty members who will help deliver these new credentials and propel FFAC's programs to new levels of excellence in teaching, research, and creative activity.

Creative and scholarly activities continue to expand with current faculty completing tours, recordings, and exhibitions of original works, many of which are being showcased at international venues. Faculty are also engaged in peer-reviewed publications and conference presentations and in mentoring students in their research and creative work.

Dean

Allan Gilliland, PhD (Edinburgh)
Composition

Associate Deans

Rose Ginther, MA (Athabasca)
Arts – Integrated Studies

Leslie Vermeer, PhD (Alberta)
Educational Policy Studies

Departments

- Department of Arts and Cultural Management (p. 99)
- Department of Communication (p. 99)
- Department of Design (p. 99)
- Department of Music (p. 99)
- Department of Studio Arts (p. 100)
- Department of Theatre (p. 100)

Programs

- Arts and Cultural Management Diploma (p. 564)
- Bachelor of Communication Studies
  - Journalism Major (p. 317)
  - Professional Communications Major (p. 471)
- Bachelor of Design (p. 233)
- Bachelor of Fine Arts
  - Arts and Cultural Management Major (https://calendar.macewan.ca/programs/bfa-arts-and-cultural-management/)
  - Studio Arts Major (https://calendar.macewan.ca/programs/bfa-studio-arts/)
  - Music Theatre Performance Major (https://calendar.macewan.ca/programs/bfa-music-theatre-performance/)

- Theatre Production Major (https://calendar.macewan.ca/programs/bfa-theatre-performance/)
- Bachelor of Music
  - Composition Major (p. 211)
  - General Major (p. 278)
  - Performance Major (p. 411)
  - Recording and Production Major (p. 513)
- Digital Experience Design Diploma (p. 630)
- Studio Arts Diploma (https://calendar.macewan.ca/programs/certificates-diplomas/fine-art/)
- Public Relations Diploma (p. 614)
- Music Theatre Performance Diploma (https://calendar.macewan.ca/programs/certificates-diplomas/theatre-arts/)
- Theatre Production Diploma (p. 624)

Department of Design

Chair

Robert Andruchow, MDes (Alberta)
Visual Communication Design

Faculty

Farzan Baradaran Rahimi, PhD (Calgary)

Bruno Campos, MDes (UFSC-Brazil)
Design and Graphic Expression

Jennifer Danko, MDes (Alberta)

Alex Keays, MA (London)
Design: Critical Practice

Nichole Magneson, Dip. (MacEwan)
Visual Communication (Display)

Constanza Pacher, MDes (Alberta) (Sabbatical Leave)
Visual Communication Design

Adolfo Ruiz, PhD (Alberta)
Human Ecology

Isabelle Sperano, PhD (Laval)
Design and Information Architecture

Wayne Williams, MA (Alberta)
Communications and Technology; Human Ecology

Department of Arts and Cultural Management

Chair

Iain Macpherson, PhD (University of Calgary) (Interim Chair)

Faculty

Soni Dasmohapatra, MPA (University of Victoria)

Heather Fitzsimmons-Frey, PhD (Toronto)
Drama, Theatre and Performance Studies

Rose Ginther, MA (Athabasca)
Arts – Integrated Studies

Rayanne Haines, MA (Queen Margaret University)

Robin Nelson, PhD (Ottawa) (On Leave)
Public Administration

Department of Communication

Chair

Rey Rosales, PhD (Southern Illinois)
Journalism

Faculty

Program Coordinator - Professional Communications

Iain Macpherson, PhD (Calgary)
Communication Studies

Program Coordinator - Public Relations

Colin Babiuk, MA (Royal Roads)
Professional Communications

Neill Fitzpatrick, MA (Royal Roads)
Professional Communication

Steve Lillebuen, PhD (Monash University)
Journalism

Lucille Mazo, PhD (Walden)
Higher Education

Sony Raj, PhD (Mahatma Gandhi)
Communication and Journalism

Peter Roccia, PhD (Alberta) (On Leave)
English

Sheena Rossiter, MA (City, University of London)
International Journalism

Trisha Sarker, DSocSci (Royal Roads)
Professional Communication

Leslie Vermeer, PhD (Alberta)
Educational Policy Studies

Department of Music

Chair

Raymond Baril, MMus (Northwestern)
Conducting

Faculty

Craig Brenan, EdD (Alberta)
Music Education

Padraig Buttner-Schnirer, MMUs (McGill)
Sound Recording

Rubim de Toledo, MMus (Auckland)
Performance

Allan Gilliland, PhD (Edinburgh)

Composition

Jim Head, MMus (McGill)
Performance

Paul Johnston, MMus (McGill)
Sound Recording

Dave Laing, MA (Concordia)
English

Emilie LeBel, DMA (Toronto), MA (York)
Composition; Music

Michael MacDonald, PhD (Alberta)
Music

John McMillan, BMus (Toronto)
Film Scoring; Performance

William Richards, PhD (Western Ontario)
Theory

Chandelle Rimmer, MMus (Boston)
Performance; Music Education

Kent Sangster, MMus (Miami) (Sabbatical leave)
Composition

Tom Van Seters, DMA (Toronto)
Performance

Department of Studio Arts

Chair

Elisabeth Belliveau, MFA (Concordia)
Studio Arts

Faculty

Anna Hawkins, MFA (Concordia)
Studio Arts - Open Media

Shelby LaFramboise, MEd (Alberta)

Robin McDonald, PhD (Queen's University)
Philosophy: Cultural Studies

Kerri-Lynn Reeves, MFA (Concordia)
Studio Arts; Fibres and Material Practices

Leslie Sharpe, MFA (UC San Diego)
Visual Art - Computing for the Arts

Erandy Vergara-Vargas, PhD (McGill)
Art History

Department of Theatre

Department Chair

Scott Spidell, MFA (York) (On Leave)
Theatre

Dawn Sadoway, MFA (Alberta) (Interim Chair)
Theatre Voice Pedagogy

Program Coordinator

Travis Hatt, MFA (Calgary)
Drama - Design/Technical

Music Theatre Performance

Faculty

Jim Guedo, BA (Saskatchewan)
Drama

Doug Mertz, MFA (Pittsburgh)
Theatre Arts

Leigh Rivenbark, MFA (Alberta)
Directing

Anna Kuman, MFA (Royal Central School of Speech and Drama, London)

Theatre Production

Faculty

Josee Chartrand, BFA (Alberta)
Drama Design

Daniela Masellis, BFA (Alberta)

Health and Community Studies

The Faculty of Health and Community Studies offers a diverse range of programs designed to prepare students for careers that will change lives and impact society. Student learning is facilitated through innovation and excellence in teaching, curricula, and technology integration. Our labs, clinics, and other unique learning spaces are designed to maximize practical learning through the guidance and support of faculty. We are committed to preparing graduates with the knowledge, skills, and attributes for successful careers and lifelong learning.

The Faculty of Health and Community Studies has an established history of working collaboratively with communities – locally, provincially, nationally, and internationally. Our programs are engaged in a broad range of community activities that include research, field placement, volunteer initiatives, guest speakers, and information sharing. Our faculty engage in scholarly activity to inform and enrich their teaching, professional practice, and knowledge within their disciplines. We foster integrity, responsibility, and ethical practice and strive to demonstrate an appreciation for diversity to enrich our work with students, colleagues, and communities.

Our vision is to enhance the health, safety, and well-being of our communities. Our programs in social work, public safety, human services, child and youth care, and allied health provide you with an education to empower you to effectively support the people and communities around you.

Dean

David Danto, PhD (Duquesne)
Clinical Psychology

Associate Dean

Cassie Prochnau, MScOT (Alberta)

Departments

- Department of Allied Health and Human Performance (p. 101)
- Department of Child and Youth Care (p. 103)
- Department of Human Services and Early Learning (p. 103)
- Department of Public Safety and Justice Studies (p. 104)
- School of Social Work (p. 105)

Programs

- Acupuncture Diploma (p. 559)
- Bachelor of Applied Human Service Administration (p. 556)
- Bachelor of Child and Youth Care (p. 208)
  - Child and Youth Care Diploma Exit (p. 577)
- Bachelor of Early Childhood Curriculum Studies (p. 164)
  - Early Learning and Child Care Diploma Exit (p. 580)
- Bachelor of Physical Education Transfer (p. 636)
- Bachelor of Social Work (p. 518)
- Correctional Services Diploma (p. 578)
- Educational Assistant Certificate (https://calendar.macewan.ca/programs/certificates-diplomas/special-needs-educational-assistant/)
- Emergency Communications and Response Certificate (p. 583)
- Hearing Aid Practitioner Diploma (p. 585)
- Massage Therapy Diploma (p. 597)
- Police and Investigations Diploma - Investigative Studies (p. 591)
- Police and Investigations Diploma - Police Studies (p. 608)
- Social Work Diploma (p. 615)
- Therapist Assistant Diploma - Physical Therapist Assistant and Occupational Therapist Assistant (p. 605)
- Therapist Assistant Diploma - Speech Language Pathologist Assistant (p. 619)

Department of Allied Health and Human Performance

The Department of Allied Health and Human Performance is focused on the health and well-being of individuals and their communities. Faculty members with strong connections to professional practice prepare students for professions that enhance the quality of life of individuals, families, and communities. Students develop both theoretical knowledge and the practical skills needed to be successful in their chosen field.

Department Chair

Darren Tellier, BA (Alberta)
Psychology. TCMD. R.Ac.

Acupuncture

Faculty

Gail Amort-Larson, MSc (Alberta)
Physical Education

Nadine Crocker, MSc (Alberta)
Physical Therapy

Lynne Gagne-Webb, CPB (NAIT)

Andrea House, Dip (MacEwan), BA (Alberta)
Acupuncture. French Literature. R.Ac.

Esther Lee, MSc (Kyung Hee)
Oriental Medicine. R.Ac.

Jon McDonell, Dip (MacEwan), BA (Alberta)
Acupuncture, Chinese Language and Literature. R.Ac.

Devin McIsaac, Dip (MacEwan)
Acupuncture/Holistic Health Practitioner. R.Ac.

Anna Rissanen, PhD (Eastern Finland)
Neuroscience

Amanda Roth, Dip (MacEwan)
Acupuncture. R.Ac. RMT.

Debi Sawchuk, Dip (MacEwan)
Acupuncture. R.Ac.

Barkley Tan, MSc (Nanjing)
Acupuncture. R.Ac.

Jiulin Wang, MD (China), MSc (Nanjing University of TCM)
Traditional Chinese Medicine. TCMD. R.Ac.

Annie Wu, Dip (MacEwan)
Acupuncture. R.Ac.

Bachelor of Physical Education Transfer

Faculty

Deanna Baron, BA (Alberta)
Anthropology

Barry Butt, BPE (Alberta)
Physical Activity & Sport Performance

Paul Chahal, PhD (Alberta)
Exercise Physiology

John Corlett, PhD (Simon Fraser)
Kinesiology

Tim Enger, BPE (Alberta)
Sports Administration

Dave Kato, MA (Indiana State)
Sports Medicine/Exercise Physiology

Adrian Popescu, PhD (Alberta)
Physical Education

Bradley Poplawski, MA (Alberta)
Coaching

Cynthia Puddu, MSc (Alberta)
Physical Education

Karen Slater, MA (Alberta)
Adapted Physical Activity

Meagan Stewart, MKin (Calgary)
Exercise Physiology

John Valentine, PhD (Carleton)
Canadian Studies

Hearing Aid Practitioner

Faculty

Ken Balcom, MBA (Alberta)
Business Administration

Cheryl Blair, AuD (Dalhousie)
Audiology. R.Aud.

Jodi Haberstock, AuD (A.T. Still)
Audiology, R.Aud. (courtesy)

Lisa Lopez, AuD (Central Michigan)
Audiology. R.Aud.

Raeanne Rowswell, AuD (A.T. Still)
Audiology. R.Aud.

Patti-Jo Sullivan, AuD (A.T. Still)
Audiology. R.Aud.

Michael Vekasi, MClSc (Western Ontario)
Audiology. R.Aud.

Neil Walton, MSc (British Columbia)
Audiology. R.Aud. (courtesy)

Tara Winsor, AuD (Florida)
Audiology. R.Aud.

Professional Resource Faculty - Field Education Facilitator

Roseleen John, MScOT (Alberta), MSc (Alberta)
Neuroscience

Massage Therapy

Faculty

Gail Amort-Larson, MSc (Alberta)
Physical Education

Jacqueline Chalifoux, BSc (Alberta)
Psychology. RMT.

Pam Cushing, BA (Alberta)
Gerontology. RMT.

Lindsay Finnie-Carvalho, BSc (Guelph)
Molecular Biology and Genetics.

Jerrett Hansen, Dip (CCHST)
Massage Therapy. RMT.

Ladine Irving-Martin, BA (Alberta), Dip (West Coast College of Massage).
English Literature, RMT.

Dana Miller, Dip (MacEwan)
Massage Therapy. RMT.

Jeff Moggach, MA (Royal Roads)
Learning and Technology. RMT.

Sarah Oddoye, Dip (CCMH)
Massage Therapy. RMT.

Rowe Anne Rivet, BA (Alberta)
Education. RMT.

Rajamalar Senthuran, MN (Alberta)
CDE.

Lois Wihlidal, MSc (Alberta)
Physical Therapy

Professional Resource Faculty - Field Education Facilitator

Roseleen John, MScOT (Alberta), MSc (Alberta)
Neuroscience

Therapist Assistant

Faculty

Gail Amort-Larson, MSc (Alberta)
Physical Education

Bonnie Baxter, MS (Minot State University)
Communication Disorders. R.SLP.

Johanna Boyd, MScOT (Alberta)
Occupational Therapy

Brendan Cavanagh, MScPT (Alberta)
Physical Therapy

Erin Duebel, MScOT (Alberta)
Occupational Therapy

C. Jonah Eleweke, PhD (Alberta and Manchester)
Special Education. Audiology

Carolyn Fleck-Prediger, PhD (Alberta)
Neuroscience

Jessie Frankel, MSc (Alberta)
Speech Language Pathology

Roseleen John, MSc (Alberta)
Occupational Therapy, Neuroscience

Cara Landreth, MSc (Alberta)
Speech Language Pathology. R.SLP.

Miranda Lane, MSc (Alberta)
Speech Language Pathology

Sharon Ling, MSc (Toronto)
Occupational Science and Occupational Therapy

Jody Marshall, MEd (Alberta)
Speech Language Pathology

Liane Nickel, MSc (Alberta)
Speech Language Pathology

Shauna Pilipchuk, BCR (Calgary)

Cassie Prochnau, MScOT (Alberta)
Occupational Therapy

Vicki Ternes, MEd (Saskatchewan)

Cindy Wong, BScPT (Alberta)

Physical Therapy

Professional Resource Faculty - Field Education Facilitator

Roseleen John, MScOT (Alberta), MSc (Alberta)
Neuroscience

Programs

- Acupuncture Diploma (p. 559)
- Bachelor of Physical Education Transfer (p. 636)
- Hearing Aid Practitioner Diploma (p. 585)
- Massage Therapy Diploma (p. 597)
- Therapist Assistant Program
  - Physical Therapist Assistant and Occupational Therapist Assistant Diploma (p. 605)
  - Speech Language Pathologist Assistant Diploma (p. 619)

Department of Child and Youth Care

The Department of Child and Youth Care provides an undergraduate degree (with a diploma exit) focused on providing the knowledge and practical skills required to work in a professional environment with high-risk youth and families. Students have the opportunity to learn from highly qualified faculty involved in practice and research with children, youth, families and communities.

Department Chair

Jenny McGrath, MSc (Nova Southeastern)
Family Support Studies. CCYC.

Faculty

Gerard Bellefeuille, PhD (Victoria)
Child and Youth Care

Alyssa Currie, MC (City University)
Counselling Psychology

Matt Halton, MEd (Alberta)
Social Justice and International Studies. CYCC.

Rayneel Karan, MC (Seattle)
Counselling. CCYC.

Mary-Ann Kelly, MA (Royal Roads)
Leadership

Kaeley Kereliuk, MC (Seattle)
Counselling

Teresa Layne, BCYC (MacEwan)
Child and Youth Care

Danyelle Lynch, MSc (Walden)
Marriage, Couple and Family Counselling

Fred McGinn, PhD (Southern Illinois, Carbondale)
Vocational Rehabilitation

Christine Pope, MHS (Nova Southeastern)
Child Protection. CCYC.

Kelsey Reed, MEd (Alberta)
Indigenous Peoples Education

Kylie Schneider, MSc (Strathclyde)
Child and Youth Care

Ann-Renee Shirjang, MA (Yorkville)

Lisa Stern, MA (Royal Roads)
Leadership

Rebecca Stiller, MSc (Strathclyde)
Child and Youth Care

Heather Stringer, MA (Victoria)
Child and Youth Care

Kristopher Wells, PhD (Alberta)
Theoretical, Cultural, and International Studies in Education

Laurie Young, MC (Seattle)
Counselling

Professional Resource Faculty - Field Education Facilitator

Donna Barker, MSc (Nova Southeastern)
Child and Youth Care. CCYC.

Programs

- Bachelor of Child and Youth Care (with diploma exit) (p. 208)
  - Child and Youth Care Diploma (p. 577)

Department of Human Services and Early Learning

The Department of Human Services and Early Learning prepares students to become educators of children and youth in a variety of early learning and educational settings. The department also provides students the opportunity to become effective human service managers and leaders. Faculty with strong connections to the field ensure students acquire the necessary professional practice skills and knowledge to excel in their chosen career.

Department Chair

Natalia Rohatyn-Martin, PhD (Alberta)
Educational Psychology/Special Education

Bachelor of Applied Human Service Administration

Faculty

Marilyn Connor, MA (Yorkville), MBA (Royal Roads)
Counselling Psychology. Leadership

Cheryl Crocker, PhD (Victoria)
Interdisciplinary

Petrina Ferreira, MA (Royal Roads)
Learning and Technology

Kelly Hennig, MEd (Alberta)
Early Childhood Education

Ryan Popplestone, MBA (Royal Roads)

Professional Resource Faculty - Field Education Facilitator

Ann Basualdo, MEd (British Columbia)
Early Childhood Education

Bachelor of Early Childhood Curriculum Studies

Faculty

Donna Badach, MEd (Alberta)
Elementary Education

Sandra Beckman, MSc (Nova Southeastern)

Ozlem Cankaya, PhD (Carleton)
Cognitive Science

Maria Di Stasio, PhD (McGill)
Educational Psychology

Rhonda Fischer, MEd (Alberta)
Educational Policy Studies

Noah Kenneally PhD (Toronto)
Social Sciences and Social Justice E

Reshma Kochar, BEd (Alberta)
Elementary Education

Jennifer Magalnick, MA (Brandeis)
Education

Lee Makovichuk, MEd (Alberta)
Elementary Education

Etienna Moostoos-Lafferty, MEd (Alberta)
Secondary Education

Margaret Mykietyshyn, MEd (Alberta)
Elementary Education

Carolyn Parkes MEd (Alberta)
Elementary Education

Heather Stringer, MA (Victoria)
Child and Youth Care

Nancy Thomas, EdD (Portland)
Educational Leadership

Professional Resource Faculty - Field Education Facilitator

Ann Basualdo, MEd (British Columbia)
Early Childhood Education

Educational Assistant

Faculty

Janelle Morrison, MSLP (Alberta)

Shauna Pilipchuk, BCR (Calgary)
Community Rehabilitation and Disability Studies

Debbie Royer, MEd (Alberta)
Policy Studies

Linda Scouten, MEd (Alberta)
Adult Education

Professional Resource Faculty - Field Education Facilitator

Ann Basualdo, MEd (British Columbia)
Early Childhood Education

Programs

- Bachelor of Applied Human Service Administration (p. 556)
- Bachelor of Early Childhood Curriculum Studies (with diploma exit) (p. 164)
  - Early Learning and Child Care Diploma (p. 580)
- Educational Assistant Certificate (https://calendar.macewan.ca/programs/certificates-diplomas/special-needs-educational-assistant/)

Department of Public Safety and Justice Studies

The Department of Public Safety and Justice Studies programs are focused on equipping students with the knowledge and skills required to build safe, secure, and just communities. Faculty members with strong connections to professional practice prepare students to protect and serve our communities. With programs in policing, investigations, correctional services, and emergency communication and response, the department offers a variety of pathways towards a career in justice or public safety.

Department Chair

Tim Williams, MA (Alberta)
Sociology

Correctional Services

Faculty

Michelle Andrews, MCA (Ottawa)
Criminology

Sabrina Brady, MC (Calgary)
Counselling

Kristen Dubrule, MSW (Calgary)
Social Work. RSW.

Susan Eastwood, MA (Royal Roads)
Leadership

Deanna Frey, MPH (Curtin University of Technology)
Forensic Sexology

Fiona Gironella, MA (Alberta)
Criminal Justice Administration

Kevin Hood, MEd (Alberta)
Educational Policy Studies

Debbie Johnstone, MSW (Calgary)

Clinical Social Work

Tom Kuperus, MA (Royal Roads)
Interdisciplinary Studies

Nicole Patrie, MEd (Alberta)
Policy Studies

Jamie Reynar, MBA (Alberta)
Business Administration

Marcel Roth, MBA (Alberta)
Business Administration

Christin Tyerman, MC (Calgary)
Educational Psychology

Uzma Williams, PhD (McMaster)
Rehabilitation Sciences

Professional Resource Faculty - Field Education Facilitator

Robin Murray, BEd (Alberta)

Emergency Communications and Response

Faculty

Neil Hennig

Kirsten Holloway, BEd (Alberta)
Elementary Education

Doug Johnson, EMT-P (NAIT), MA (Royal Roads)
Paramedic, Leadership

Police and Investigations

Faculty

Tanya Anderson, MEd (Calgary)
Psychology

Darrin Balanik, MEd (Alberta)
Educational Policy Studies

Mike Bartkus, BPA (Athabasca)
Criminal Justice

Stewart Callioux, BPA (Athabasca)
Criminal Justice

Ted Chomchuk, BA (Alberta)
Criminology

John Haney, MA (Alberta), MBA (Alberta)
Sociology, Business Administration

Mark Houle, MA (Athabasca)
Organizational Studies

Devin Laforce, BSc (Alberta)
Biological Sciences

Lisa Paniak, BA (Alberta)
Sociology

Rob Peister

Matthew Royer, BAJS (MRU)
Justice Studies

John Simmons, MBA (Alberta)

Kristina Tower, MC (Calgary)
Counselling

Uzma Williams, PhD (McMaster)
Rehabilitation Sciences

Professional Resource Faculty - Field Education Facilitator

Robin Murray, BEd (Alberta)

Programs

- Correctional Services (p. 578) Diploma (p. 578)
- Emergency Communications and Response (p. 583) Certificate (p. 583)
- Police and Investigations
  - Police Studies Diploma (p. 608)
  - Investigative Studies Diploma (p. 591)

School of Social Work

Transformative, collaborative, and supportive education: it's at the heart of what we do. The same qualities are at the heart of what social workers do when they work with families, provide support, and transform lives in the communities where they live and work. Students are prepared with the competencies and professional skills to assess and practice in a professional social work setting. Faculty members have a wide range of expertise in social work education, strong connections with the community, and active engagement in research and scholarly activities to advance social work knowledge and education.

Director

Baiju Pallicka Vareed, PhD (Bharathidasan), MSW (Rajagiri)
Social Work. RSW (AB).

Faculty

Jason Albert, PhD (Memorial), MSW (Calgary)
Indigenous Social Work Administration

Tatum Albert, MSW (Regina)
Social Work.

Anna Azulai, PhD (Calgary), MSW (Israel)
Social Work. RCSW (AB).

Terri Cardinal, MSW (Calgary)
Social Work. RSW (AB).

Ines Cesar, MSW (Calgary)
Social Work. RSW (AB).

Derek Chewka, MSW (Calgary)
Social Work. RSW (AB).

Jacqueline Dagneau, MSc (Southampton)
Social Work. RSW (AB).

Amber Dion, MSW (Calgary)
Social Work. RSW (AB).

Kealey Dube, MSW (Calgary)
Social Work. RSW (AB).

Arlene Eaton-Erickson, MSW (Dalhousie)
Social Work. RSW (AB).

Fiona Edwards-Akunesiobike, MSW (York)
Social Work, RSW (AB).

Hellen Gateri, PhD (York), MSW (Dalhousie)
Social Work. RSW (AB).

Erin Gray, MSW (Wilfrid Laurier), PhD (Wales)
Social Policy. RSW.

Faye Hamilton, MSW (Calgary)
Social Work. RSW (AB).

Kristy Harcourt, MSW (Calgary)
Social Work. RSW (AB).

Helena Hawryluk, MSW (Calgary)
Social Work. RSW (AB).

Michelle Holubinsky, MSW (Calgary)
Social Work. RSW (AB).

Dayirai Kapfunde, MSW (Toronto Metropolitan)
Social Work. RCSW. RSW.

Val Kelso, MSW (Calgary)
Social Work. RSW (AB).

Danielle Larocque, MSW (Calgary)
Social Work. RSW (AB).

Lun Li, PhD (Calgary)
Social Work.

Gisele Mak, MSW (Dalhousie)
Social Work. RSW (AB).

Samuel Mammen, MSW (Bangalore)
Social Work. RSW (AB).

Andrea Newberry-Koroluk, PhD (Calgary), MSW (Calgary)
Social Work. RSW (AB).

Valerie Ouedraogo, PhD (Germany), MSW (Germany)
Social Work. RSW (AB).

Kathaleen Quinn, MSW (Wilfrid Laurier)
Clinical Social Work. RSW (AB).

Josie Rinella, MSW (Dalhousie)
Social Work. RSW (AB).

Frances Ross, MSW (Calgary)
Social Work. RSW (AB).

Peter Smyth, MSW (Calgary)
Social Work. RSW (AB).

Hongmei Tong, PhD (Calgary), MSW (Hong Kong)
Social Work. RSW (AB).

Stephanie Tyler, MSW (Calgary)
Social Work. RSW (AB).

Tammy Woroschuk, MSW (Calgary)
Social Work. RSW (AB).

Programs

- Bachelor of Social Work (p. 518)
- Social Work Diploma (p. 615)

Nursing

The Faculty of Nursing offers innovative and diverse programming designed to meet the transformative and educational needs of those aspiring to become registered nurses (RNs) or registered psychiatric nurses (RPNs), as well as practicing RNs, RPNs, and other health professionals. The Faculty of Nursing provides leadership that informs teaching and learning innovations that foster academic excellence. This excellence is advanced by creating an environment that develops partnerships, supports the well-being of students, faculty, and staff, and cultivates a culture of research and scholarship. Our mission is to create transformative learning opportunities in nursing and professional practice as we work toward achieving our vision of nurses making a difference in the health of global communities.

Dean

Christy Raymond, PhD (Alberta)
Nursing. RN.

Associate Dean

Jananee Raisah, MN (Alberta)
Nursing. RN.

Interim Associate Dean

Jill Vihos, PhD (Alberta)
Nursing. RN.

Departments

- Department of Health Systems & Sustainability (p. 107)
- Department of Human Health & Science (p. 107)
- Department of Nursing Foundations (p. 108)
- Department of Nursing Practice (p. 108)
- Department of Professional Nursing & Allied Health (p. 109)

Programs

- Bachelor of Psychiatric Nursing (p. 477)
- Bachelor of Science in Nursing (p. 407)
- Bridge to Canadian Nursing (p. 571)
- Occupational Health Nursing (p. 632)
- Perioperative Nursing for Registered Nurses (p. 633)
- Psychiatric Nursing Diploma (p. 610)
- Wound Management (p. 635)

Department of Health Systems & Sustainability

CHAIR

Kathleen Miller, MN (Alberta)
Nursing. RN.

FACULTY

Elizabeth Burgess-Pinto, PhD (Alberta)
Nursing. RN.

Jolene Caffet, BScN (Alberta)
Nursing, RN.

Amanda Chiaselotte, BScN (MacEwan)
Nursing. RN.

Trish Clark, BScN (Alberta)
Nursing. RN.

Robin Cooper, MN (Alberta)
Nursing. RN.

Stephanie Crouse, BScN (MacEwan)
Nursing. RN.

Sherri Dickson, BScN (Alberta)
Nursing. RN.

Mona Haimour, MN (Jordan)
Nursing. RN.

Krystal Hoople, BScN (Alberta)
Nursing. RN.

Nichole Jubinville, BScN (Alberta)
Nursing. RN.

Maya Kalogirou, PhD (Alberta)
Nursing. RN.

Janet Kemei, PhD
Nursing. RN.

Emily Khalema, MHS (Athabasca)
Nursing. RPN.

Colleen Maykut, DNP (Case Western Reserve)
Nursing. RN.

Adam Mella, MN (Alberta)
Nursing. RN.

Tanya Paananen, MBA (Ashford)
Nursing. RN.

Renny Pinches, BScN (Alberta)
Nursing. RN.

Jananee Rasiah, MN (Alberta)
Nursing. RN.

Christy Raymond, PhD (Alberta)
Nursing. RN.

Heather Reiter, BScN (Alberta)
Nursing. RN.

Upinder Sarker, PhD (Alberta)
Nursing. RN.

Yvonne Shelast, MN (Alberta)
Nursing. RN.

Catherine Shepherd-Finlin, BScN (Alberta)
Nursing. RN.

Christine Shumka, MN (Saskatchewan)
Nursing. RN.

Ashley Soldan, BScN (Athabasca)
Nursing. RN.

Leanne Topola, MN (Athabasca)
Nursing. RN.

Department of Human Health & Science

CHAIR

Randi Ziorio Dunlop, MEd HSE (Alberta)
Nursing. RPN.

FACULTY

Jody Bonner, BScN (Alberta)
Nursing. RN.

Courtney Gette, BScN (Alberta)
Nursing. RN.

Margot Jackson, PhD (Alberta)
Nursing. RN.

James (Jim) Johansson, BScN (MacEwan)
Nursing. RN.

Sharon Johnston, M.Sc. (Alberta)
Nursing. RN.

Albina Karpman, MA (Alberta)
Nursing. RN.

Paul Kerr, PhD (London, UK)
Pharmacology.

Shae Martin, BScN (Alberta)
Nursing. RPN.

Sydney Mosiuk, BScN (Alberta)
Nursing. RN. RPN.

Yuwaraj (Raj) Narnaware, PhD (Bath, UK)
Physiology and Endocrinology

Maryam Nesari, PhD (Alberta)
Nursing. RN.

Melanie Neumeier, MN (Newfoundland)
Nursing. RN.

Olabisi Oyelana, PhD (Alberta)
Nursing. RN.

Brandi Pawliuk, MN (Monash)
Nursing. RN.

Binthi Samuel, PhD (Rajasthan, India)
Radiation Biology

Michael Tayag, BScN (Santo Tomas)
Nursing. RN.

Randi Ziorio Dunlop, MEd HSE (Alberta)
Health Sciences Education. RPN.

Department of Nursing Foundations

CHAIR

Emily Khalema, MHS (Athabasca)
Nursing. RPN.

FACULTY

Mary Asirifi, PhD (Alberta)
Nursing. RN.

Andrea Chute, MN (Alberta)
Nursing. RN.

Hanneke Croxen, MSN (British Columbia)
Nursing. RN.

Frances Dolan, MHS (Ireland)
Nursing. RN.

Caroline Foster-Boucher, MN (Alberta)
Nursing. RN.

Ken Kustiak, MN (Athabasca)
Nursing. RN. RPN.

Brian C. Parker, PhD (Alberta)
Nursing. RN. RPN.

Meredith Porter, BScN (MacEwan)
Nursing. RN.

Christy Turner, BScN (Alberta)
Nursing. RN.

Department of Nursing Practice

Interim CHAIR

Kathleen Miller, MN (Alberta)
Nursing. RN.

FACULTY

Justin Aikens, BScN (Alberta)
Nursing. RN.

Danielle Becker, MN (Athabasca)
Nursing. RN.

Andie Bence, BScN (MacEwan)
Nursing. RN.

Sue Carlson, MN (Athabasca)
Nursing. RN.

Jinhyung Cheong, BScN (Alberta)
Nursing. RN.

Amber Connolly, BScN (MacEwan)
Nursing. RN.

Danielle Curran-Cook, MN (Alberta)
Nursing. RN.

Tami Currie, BScN (Alberta)
Nursing. RN.

Aishlinn Curtis, BScN (MacEwan)
Nursing. RN

Ashley Darichuk, BScN (MacEwan)
Nursing. RN.

Jana Frentz, BScN (MacEwan)
Nursing. RN.

Melanie Gates, MN (Alberta)
Nursing. RN.

Harjot Ghuman, MN (Athabasca)
Nursing. RN.

Sarah Halldorson, BScN (Alberta)
Nursing. RN.

Tanya Heuver, MN (Alberta)
Nursing. RN.

Lucie Kolmacka, BScN (Alberta)
Nursing. RN.

Kyrie Kuss, MN (Alberta)
Nursing. RN.

Carmen Linarez, BScN (MacEwan)
Nursing. RN.

Trish Mandrusiak, MN (Alberta)
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Amanda (Mandy) McDonald, BScN (Alberta)
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Safina McIntyre, MN (Alberta)
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Lisa McKendrick-Calder, MN (Athabasca)
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Elly O'Greysik, BScN (Alberta)

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Nikita Passi, BScN (Alberta)
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Rachel Plaquin, BScN (Alberta)
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Alexandra Seiler
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Morgan Wadams, MN (Alberta)
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Leo Wong, BScN (Alberta)
Nursing. RN.

Margot Zemrau, BScN (Alberta)
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Nursing. RN.

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Nursing. RN.

Ginger Sullivan, PhD (Victoria)
Nursing. RN.

Jill Vihos, PhD (Alberta)
Nursing. RN.

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Accounting - Bachelor of Commerce

Overview

The Accounting major prepares students to be able to analyze and solve problems, and participate in the decision-making process of any organization. Students will learn to contribute to collaborative, information-sharing, and joint-planning processes. They will acquire the necessary qualitative and quantitative skills for complex problem solving in an accounting and business environment. With knowledge of all areas of business and in-depth study of advanced accounting topics, students are able to, upon graduation, pursue a professional designation, graduate-level studies or to assume a managerial or accounting position.

The Accounting major offered by MacEwan University is a Chartered Professional Accountants (CPA) accredited program.

The Bachelor of Commerce

School of Business
MacEwan.ca/BCom (http://%E2%80%8BMacEwan.ca/BCom/)

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major/minor and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of seven majors: Accounting, Human Resources Management, International Business, Legal Studies in Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. Co-operative Education streams are also available. Students may explore their options in completing a second major, one or two minors, or a double major with a non-business minor. The program will prepare students for graduate studies in related fields.

All newly admitted students are admitted as "Undeclared". This means a student has not yet chosen a major which focuses a good portion of their degree on a specific discipline and area of study. Students generally declare their Major and Minors after they have completed a minimum of 45 credits. These declarations are expected from students who have made this decision between September 1 and February 15 (January 15 for competitive Majors and Minors). Information about Majors and Minors is available to students via email and newsletters and further assistance with this decision is available from the academic advisors in their program.

Commerce Disciplines

Discipline	Major	Minor	Honours
Accounting	◉	◉	◉
Human Resources Management	◉	◉	◉
International Business	◉	◉	◉
Legal Studies in Business	◉	◉	-
Management	◉	◉	◉
Marketing	◉	◉	◉
Supply Chain Management	◉	◉	-

Business Intelligence	-	◉	-
Finance	-	◉	-
Innovation & Entrepreneurship	-	◉	-
Property Management	-	◉	-

Out of School Minors

Discipline	Minor
Anthropology	◉
Digital Experience Design	◉
Economics	◉
French	◉
History	◉
Journalism	◉
Political Science	◉
Psychology	◉
Sociology	◉
Spanish	◉
Statistics	◉

Career Potential

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing, or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (Business@macewan.ca)

Bachelor of Commerce Requirements

Program Element	Description	Credits
Core	Business	39
Core	Non-Business	18
Total	**Core Requirement Credits**	**57**
Primary Major	Majors range from 21 to 30 credits with a minimum of 21 credits at the senior level and 12 of those credits at the 300 or 400-level. Majors are comprised of both required courses and a selection of options.	21-30
Non-Business Electives	Students must complete 15-21 credits of Non-Business electives and may use these credits to fulfill the requirements of a minor(s) or second major.	15-21
Open Electives	Students must complete 6-15 credits of Open electives and may use these credits to fulfill the requirements of a minor(s) or second major.	6-15
Business Electives	Students must complete 6 credits of Business electives and can use these credits to fulfill the requirements of a minor(s) or second major.	6
Minor(s) or second major	Students have the option of completing one or two minors, or a second major from the Bachelor of Commerce, provided they can satisfy their requirements for Business, Non-Business and Open Electives with that same coursework. Minors are comprised of 15 credits of senior-level coursework. Students are limited to one minor from outside the School of Business.	15-30
Total	**Required Minimum Core, Major and elective credits for the degree**	**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Core Business Courses

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 450	Strategic Management	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MSYS 200	Introduction to Management Information Systems	3
MGTS 103	Introduction to Business Statistics	3
MGTS 312	Advanced Business Statistics	3
MGTS 352	Operations Management	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3

Core Non-Business Courses

Code	Title	Credits
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
Select 3 credits of university ENGL [1]		3
PROW 210	Advanced Business Writing	3
Select 3 credits from the following:		3
MGTS 113	Introduction to Quantitative Decision-Making	
MATH 114	Elementary Calculus I	
MATH 120	Basic Linear Algebra I	

1 not including ENGL 108 or ENGL 111

Bachelor of Commerce Honours Requirements for Accounting, Human Resources Management, and Management

Bachelor of Commerce Honours students complete their program in 120 credits as do all Bachelor of Commerce students. They fulfill the requirements of the Honours Designation by taking 15 credits of Honours programming for their elective courses.

Code	Title	Credits
BUSN 396	Advanced Quantitative Research Methods for Business	3

BUSN 397	Advanced Qualitative Research Methods for Management	3
BUSN 496	Senior Honours Seminar	3
Choose one of:		**3**
ACCT 499	Honours Thesis - Accounting	
HRMT 499	Honours Thesis - Human Resources Management	
ORGA 499	Honours Thesis - Management	
Choose a Senior 400 level course as determined and approved by the Faculty Advisor		3
Total Credits		**15**

Bachelor of Commerce Honours Requirements for International Business

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 312	Marketing Research & Analytics	3
INTB 499	Honours Thesis - International Business	3
Total Credits		**9**

Bachelor of Commerce Honours Requirements for Marketing

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 499	Honours Thesis - Marketing	3
Total Credits		**6**

Course Substitutions

Program Requirements

Accounting Major (p. 115)

Accounting Honours (p. 115)

Accounting Minor (p. 115)

Bachelor of Commerce - Accounting Major

Major Requirements - Complete 27 credits (9 courses) from this list:

Code	Title	Credits
ACCT 315	Intermediate Financial Accounting I	3
ACCT 316	Intermediate Financial Accounting II	3
ACCT 324	Intermediate Management Accounting	3
ACCT 328	Income Tax Fundamentals	3
ACCT 442	Auditing	3
Option Requirement		
Select 12 credits (4 courses) from the following:		12
ACCT 330	Introduction to Data Analytics in Accounting	
ACCT 366	Government and Not-for-Profit Accounting	
FNCE 406	Valuation and Investment Decision	
ACCT 410	Financial Accounting - Advanced	
ACCT 412	Financial Accounting Theory	
ACCT 422	Management Accounting - Advanced	
ACCT 428	Advanced Corporate Taxation	
ACCT 430	Accounting Information and Systems Support	
ACCT 450	Data Analytics Applied to Accounting	
ACCT 493	Integrated Case Studies in Accounting	
ACCT 497	Special Topics in Accounting	
ACCT 498	Independent Studies in Accounting	
Elective Requirements		
Business Electives		6
Non-Business Electives		15
Open Electives		15
Total Credits		**63**

Bachelor of Commerce - Accounting Honours

Code	Title	Credits
ACCT 315	Intermediate Financial Accounting I	3
ACCT 316	Intermediate Financial Accounting II	3
ACCT 324	Intermediate Management Accounting	3
ACCT 328	Income Tax Fundamentals	3
ACCT 442	Auditing	3
Option Requirement: Choose 12 credits from the following:		12
ACCT 330	Introduction to Data Analytics in Accounting	
ACCT 366	Government and Not-for-Profit Accounting	
ACCT 410	Financial Accounting - Advanced	
ACCT 412	Financial Accounting Theory	
ACCT 422	Management Accounting - Advanced	
ACCT 428	Advanced Corporate Taxation	
ACCT 430	Accounting Information and Systems Support	
ACCT 450	Data Analytics Applied to Accounting	
ACCT 493	Integrated Case Studies in Accounting	
ACCT 497	Special Topics in Accounting	
ACCT 498	Independent Studies in Accounting	
Honours Designation Requirements		
BUSN 396	Advanced Quantitative Research Methods for Business	3
BUSN 397	Advanced Qualitative Research Methods for Management	3
BUSN 496	Senior Honours Seminar	3
ACCT 499	Honours Thesis - Accounting	3
Select one senior 400-level course as approved by faculty advisor		3
Elective Requirement		
Non-Business Electives		15
Open Electives		6
Total Credits		**63**

Bachelor of Commerce - Accounting Minor

Minor Requirements - Choose 15 credits (five courses) from this list:

Code	Title	Credits
ACCT 315	Intermediate Financial Accounting I	3
ACCT 316	Intermediate Financial Accounting II	3
ACCT 324	Intermediate Management Accounting	3
ACCT 328	Income Tax Fundamentals	3
ACCT 330	Introduction to Data Analytics in Accounting	3
ACCT 366	Government and Not-for-Profit Accounting	3
ACCT 410	Financial Accounting - Advanced	3
ACCT 412	Financial Accounting Theory	3
ACCT 422	Management Accounting - Advanced	3

ACCT 428	Advanced Corporate Taxation	3
ACCT 430	Accounting Information and Systems Support	3
ACCT 442	Auditing	3
ACCT 450	Data Analytics Applied to Accounting	3

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

Core and Major Requirements

The Bachelor of Commerce program consists of 120 non-duplicative credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 21-33 credits of specific coursework requirements. Refer to the Program of Study for each major for specific requirements.

Declaration of Major and Minor

Students are required to declare a major upon the completion of 60 credits and by published deadlines. As completion of one major is a graduation requirement, students are strongly encouraged to consult with an academic advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

Students have the option of completing a second major from existing majors in Commerce, or one or two minors, provided they can satisfy their requirements for Business, Non-Business, and Open electives with that non-duplicate coursework. Minors are comprised of 15 senior-level credits and are not a graduation requirement. Only one minor from outside the School of Business is permitted.

Depending on the courses or specializations in which a student chooses to enrol, meeting the requirements of a double major may require the completion of more than 120 credits. Further, students admitted into the Bachelor of Commerce via Block Transfer cannot complete a minor.

Electives and Options

The Bachelor of Commerce has specific requirements for elective and option credits.

The four categories are:

1. Options – a choice of courses from a list specified in the requirements for some majors
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's primary major. Students may use Business Electives to meet minor or second major requirements.
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major. Students may use Non-Business Electives to meet minor requirements inside and outside the School of Business.
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's primary major. Students may use Open Electives to meet minor or second major requirements.

Maximum 100 Level Courses

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies

Subsequent Baccalaureate

This degree does not offer Subsequent Baccalaurate programs of study to graduates of the Bachelor of Commerce degree.

Bachelor of Commerce Co-operative Education Programming

The co-operative education program component is competitive as there are limited co-op placements. Students interested in this program are encouraged to speak with a co-op advisor and visit the website for up-to-date information: MacEwan.ca/Co-op (https://www.macewan.ca/academics/programs/bachelor-of-commerce/academics/co-operative-education/).

Co-operative Education Degree Regulations

All students who apply and are accepted into the Co-operative Education stream will be subject to MacEwan Policy C2065 Co-operative Education and the Bachelor of Commerce Co-operative Education Degree Regulations.

Applying to the Co-Operative Education Stream

Once students are admitted to the Bachelor of Commerce program and meet eligibility criteria for the Co-operative Education Stream they may apply. International students are eligible to apply but are responsible for obtaining any visas or work permits that are required.

Withdrawal from the Co-operative Education Stream

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair or delegate from continuing in the Co-operative Education Stream. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student engages in behaviour that is contrary to the professional requirements of the work placement.

Additional Core Requirements

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

Code	Title	Credits
COOP 290	Co-op Pre-employment Seminar	0
COOP 295	Co-operative Education: First Work Experience (360 hours)	0
COOP 395	Co-Operative Education: Second Work Experience (360 hours)	0
COOP 495	Co-Operative Education: Third Work Experience (360 hours)	0

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

Work Placements and Timing

Each work placement will consist of a minimum of 360 hours of paid employment in a job that is relevant to the student's program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

Course Load During Full-Time Co-Op Work Terms

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), care of BCom, student services, explaining compelling reasons to enrol while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

Responsibility for Obtaining a Work Placement

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

Grade Point Average (GPA) Requirements

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

School of Business Degree-Level Program Learning Objectives

Each graduate of the Bachelor of Commerce program will be able to:

1. KNOWLEDGE OF BUSINESS AND MANAGEMENT

Outcome: Apply knowledge of business and management within and across functional areas of an organization.

2. DECISION MAKING AND SUSTAINABILITY

Outcome: Apply analytical and critical thinking skills, as well as qualitative and quantitative methods, to develop sustainable solutions to address organizational issues.

3. ENTREPRENEURSHIP, INNOVATION, AND CREATIVE THINKING

Outcome: Think creatively, innovatively, and develop an entrepreneurial mindset as well as applied business research to support organizational development.

4. GLOBAL MINDSET AND LOCAL EXPERTISE

Outcome: Integrate local, national, and international perspectives, while demonstrating cultural mindfulness of inclusion, equity, and diversity, notably as it relates to Indigenous cultures including an understanding of Indigenous peoples.

5. PROFESSIONALISM, ETHICS, AND SELF-DEVELOPMENT

Outcome: Demonstrate professionalism, personal integrity, and ethical behavior, while engaging in reflective practices for ongoing professional and personal development.

6. LEADERSHIP AND TEAMWORK

Outcome: Lead and participate effectively in teams in various roles and contexts, through a variety of leadership approaches.

7. COMMUNICATION AND TECHNOLOGY

Outcome: Communicate effectively, respectfully, and meaningfully; and use existing and emerging technologies to enhance the effectiveness and efficiency of business processes.

8. JOB READINESS AND FUTURE READINESS

Outcome: Acquire meaningful hands-on experience and practical know how via various forms of work-integrated learning to be job-ready and future-ready.

Accounting Major Program Learning Objectives

Note that not all learning objectives are applicable to all courses. Different courses will show that the concepts and objectives are introduced, some courses will develop the objectives, and some will demonstrate that the student is at the level appropriate for graduation.

1. Demonstrate comprehensive accounting skills, practice, and knowledge, and understand the theory behind them.

2. Apply qualitative and quantitative critical thinking skills.

3. Conduct accounting related research.

4. Demonstrate effective communication skills.

5. Apply problem solving and decision-making skills.

6. Achieve results through teamwork.

7. Model professional and ethical conduct.

8. Model professional and ethical conduct.

9. Value continuous learning.

10. Use technology effectively.

Student Plan

- Suggested Course Sequencing
- Minors, double minors, and double majors must be completed using required electives.

Year 1	Credits
BUSN 201	3
ECON 101	3
ECON 102	3
ENGL 102	3
LEGL 210	3
MGTS 103	3
Choose 3 credits (1 course) from this list:	3
MGTS 113	
MATH 114	
MATH 120	
Choose 3 credits (1 course) from any ENGL course	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 2	Credits
ACCT 311	3
ACCT 322	3
ACCT 328	3
FNCE 301	3
MARK 301	3
MGTS 312	3
ORGA 201	3
Non-Business Electives: Choose 9 credits (3 courses) from any subject outside business.	9
	30

Year 3	Credits
ACCT 315	3
ACCT 316	3
ACCT 324	3
MGTS 352	3
MSYS 200	3
ORGA 316	3
PROW 210	3

Option Requirement: Choose 3 credits (1 course) from this list:	3
ACCT 330	
ACCT 366	
ACCT 410	
ACCT 412	
ACCT 422	
ACCT 428	
ACCT 430	
ACCT 450	
ACCT 493	
ACCT 497	
ACCT 498	
FNCE 406	
Open Electives: Choose 6 credits (2 courses) any subject	6
	30

Year 4	**Credits**
BUSN 450	3
ACCT 442	3
Option Requirement: Choose 9 credits (3 courses) from this list:	9
ACCT 330	
ACCT 366	
ACCT 410	
ACCT 412	
ACCT 422	
ACCT 428	
ACCT 430	
ACCT 450	
ACCT 493	
ACCT 497	
ACCT 498	
FNCE 406	
Business Electives: Choose 6 credits (2 courses) from any business course.	6
Open Electives: Choose 9 credits (3 courses) from any subject	9
	30

Total Credits 120

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Anthropology - Bachelor of Arts

Overview

What makes us human? Whether it's our past, present, or future, anthropology asks essential questions about human variation, adaptation, and cultural diversity. Learn to recognize and respect human diversity and use your understanding of cultural differences in a globalizing world by exploring topics such as social inequality, material culture, human evolution, language, and the application of anthropological skills to contemporary human challenges. Gain hands-on experience, conduct research projects, and go into the field. Anthropologists work in a wide variety of careers, including professional archaeology, forensic science, market research, language revitalization projects, medicine, government, intercultural education, and climate change responses.

Contact Information

Department of Anthropology, Economics, and Political Science
Room 7-368, City Centre Campus
10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-633-3890

Arts and Science Academic Advising
Room 6-211, City Centre Campus
T: 780-497-4505
E: artsandscience@macewan.ca

The Bachelor of Arts

Faculty of Arts and Science
MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉
Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉
Planetary Physics		◉
Statistics		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3
Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options
CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth

ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options

MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

Anthropology Requirements

Anthropology Major (p. 125)

Anthropology Honours (p. 126)

Anthropology Minor (p. 126)

Anthropology Major

The Bachelor of Arts (BA) in Anthropology program requires students to complete 120 credits of non-duplicative coursework. In addition to the Anthropology Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Arts major

Students are required to complete option courses as well as the major(s) and minor(s). All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Anthropology Major is 42 to 60 non-duplicative anthropology credits with a minimum 36 credits at the senior-level. Students must complete a minimum of 24 ANTH credits at the 300- or 400-level and a minimum of six credits must be at the 400-level, not including ANTH 495. Students

can complete up to 6 credits of AEPS or URBW to fulfill the General Major Requirements.

Bachelor of Arts - Anthropology Major

Code	Title	Credits
Specific Major Requirements		
ANTH 101	Introduction to Anthropology	3
ANTH 206	Introduction to Archaeology	3
ANTH 207	Introduction to Social and Cultural Anthropology	3
ANTH 208	Introduction to Linguistic Anthropology	3
ANTH 209	Introduction to Biological Anthropology	3
ANTH 399	Ecological Perspectives in Anthropology	3
ANTH 394	Ethnographic Research Methods	3
or ANTH 395	Archaeological Method Issues	
ANTH 415	Anthropological Theory	3
or ANTH 481	Archaeological Theory History	
General Major Requirements		
Choose 18 to 36 credits from junior- or senior-level ANTH, AEPS, or URBW with a minimum of 15 ANTH credits at the 300- or 400-level and a minimum of 3 ANTH credits at the 400-level. Students may complete a maximum of 6 credits of AEPS or URBW.		18-36
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Anthropology Honours

The Bachelor of Arts (BA) Anthropology Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Anthropology Honours program is comprised of 30 credits designated as Specific Honours Requirements (including 6-credits of thesis work), 33 credits designated as General Honours Requirements, and 57 credits of non-Anthropology Options. Students can complete up to 6 credits of AEPS or URBW to fulfill the General Honours Requirements.

For consideration of admittance/acceptance into Anthropology Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six ANTH credits completed at the senior-level
4. A minimum GPA of 3.3 across all senior-level ANTH courses

Students accepted and enrolled in the Anthropology Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all senior-level ANTH courses for each 12 consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA Anthropology Major.

Students have the option of completing a minor within the requirements of the Anthropology Honours program. Minors are comprised of 18 senior-level credits and can replace the Options credits. All BA degrees, including Honours, require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, Minor, or options.

Bachelor of Arts - Anthropology Honours

Code	Title	Credits
Specific Honours Requirements		
ANTH 101	Introduction to Anthropology	3
ANTH 206	Introduction to Archaeology	3
ANTH 207	Introduction to Social and Cultural Anthropology	3
ANTH 208	Introduction to Linguistic Anthropology	3
ANTH 209	Introduction to Biological Anthropology	3
ANTH 394	Ethnographic Research Methods	3
or ANTH 395	Archaeological Method Issues	
ANTH 399	Ecological Perspectives in Anthropology	3
ANTH 415	Anthropological Theory	3
or ANTH 481	Archaeological Theory History	
ANTH 499A	Honours Thesis I	3
ANTH 499B	Honours Thesis II	3
General Honours Requirements		
Choose 33 credits from junior- or senior-level ANTH, AEPS, or URBW with a minimum of 15 credits in ANTH at the 300- or 400-level and a minimum of 3 credits in ANTH at the 400-level. Students may complete a maximum of 6 credits of AEPS or URBW.		33
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		57
Total Credits		**120**

Anthropology Minor

The Anthropology Minor requires 18 senior-level ANTH, AEPS, or URBW credits. A minimum of nine credits **must be in ANTH** at the 300- or 400-level, including ANTH 399. Junior-level ANTH 101 is required in addition to the 18 senior-level credits. Students may choose up to 3 credits of AEPS or URBW to fulfill the Peoples requirement.

Code	Title	Credits
Specific Minor Requirements		
ANTH 399	Ecological Perspectives in Anthropology	3
Choose 6 credits from the following:		6
ANTH 206	Introduction to Archaeology	
ANTH 207	Introduction to Social and Cultural Anthropology	
ANTH 208	Introduction to Linguistic Anthropology	
ANTH 209	Introduction to Biological Anthropology	
Choose 3 credits from the following:		3
ANTH 245	Ethnography of Mediterranean Peoples	
ANTH 246	Circumpolar Peoples	
ANTH 250	Introduction to Indigenous Peoples in Canada	
ANTH 261	Peoples and Cultures of Mesoamerica	
ANTH 262	Peoples and Cultures of South America	
Any URBW or AEPS course		
General Minor Requirements		
Choose 6 credits from 300- and 400- level ANTH		6
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course*

Recognitions in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Anthropology Major Learning Outcomes

Upon completion of a Bachelor of Arts degree with a major in Anthropology, you will be able to

'Think anthropologically' by:

1. Describing how the holistic, comparative, multidisciplinary, and evolutionary approach of anthropology differs from other social sciences;
2. Describing the importance of the concept of Culture for the field of anthropology, and by demonstrating how different definitions of Culture can be applied to address different questions;
3. Explaining human biological, cultural, and linguistic diversity across time and space
4. Appraising how the actions of individuals and local groups both shape and are shaped by larger sociocultural and ecological systems.

Demonstrate research and scholarship skills by:

1. Employing methods that are both uniquely anthropological (e.g., ethnographic research, archaeological excavations) and borrowed from other disciplines (e.g., geology, biology, sociology, linguistics);

2. Evaluating research using an anthropological lens;
3. Selecting qualitative and quantitative methods that are appropriate for a topic of study;
4. Conducting independent and collaborative research.

Effectively communicate anthropological knowledge by:

1. Employing a variety of modes and media appropriate for different audiences.

Demonstrate ethical practice by:

1. Acknowledging professional standards in the discipline and the responsibilities involved;
2. Describing how anthropological research takes place in reciprocal and collaborative relationships with partners and communities.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students can complete up to 6 credits of AEPS or URBW to fulfill the General Major Requirements

Year 1	**Credits**
ANTH 101	3
ENGL 102	3
Breadth Requirements	24
	30

Year 2	**Credits**
ANTH 206	3
ANTH 207	3
ANTH 208	3
ANTH 209	3
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 3	**Credits**
Choose 3 credits (1 course) from the following:	3
ANTH 394	
ANTH 395	
ANTH 399	3
Choose 9 credits (3 courses) from 300- or 400-level ANTH	9
Option, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 4	**Credits**
Choose 3 credits (1 course) from the following:	3
ANTH 415	
ANTH 481	
Choose 3 credits (1 courses) from 400-level ANTH	3
Choose 3 credits (1 courses) from 300- or 400-level ANTH	3
Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. In addition to the specific courses listed below, Anthropology typically offers additional 300- and 400-level courses each year across a range of subfields. Specific topics will vary depending on instructor availability and current events (see the complete list of ANTH courses for examples of additional courses that may be offered), but students can be assured that required courses will be available annually.

Fall 2024

ANTH 101	Introduction to Anthropology
ANTH 206	Introduction to Archaeology
ANTH 207	Introduction to Social and Cultural Anthropology
ANTH 208	Introduction to Linguistic Anthropology
ANTH 209	Introduction to Biological Anthropology
ANTH 210	Gender, Age and Culture
ANTH 219	World Prehistory
ANTH 245	Ethnography of Mediterranean Peoples
ANTH 250	Introduction to Indigenous Peoples in Canada
ANTH 251	Race and Racism in The Modern World
ANTH 305	Human Variation and Adaptation
ANTH 375	Zooarchaeology
ANTH 385	Archaeology of the Americas
ANTH 389	Topics in Anthropology
ANTH 393	Cross-Cultural Perspectives on Health and Healing
ANTH 394	Ethnographic Research Methods
ANTH 399	Ecological Perspectives in Anthropology
ANTH 410	Humans, Climate and Culture
ANTH 420	Culture and Globalization
ANTH 497	Topics in Anthropology

Winter 2025

ANTH 101	Introduction to Anthropology
ANTH 206	Introduction to Archaeology
ANTH 207	Introduction to Social and Cultural Anthropology
ANTH 208	Introduction to Linguistic Anthropology
ANTH 209	Introduction to Biological Anthropology
ANTH 210	Gender, Age and Culture
ANTH 219	World Prehistory
ANTH 246	Circumpolar Peoples
ANTH 250	Introduction to Indigenous Peoples in Canada
ANTH 251	Race and Racism in The Modern World
ANTH 308	Language, Gender, and Sexuality
ANTH 318	Political Anthropology
ANTH 321	Language Endangerment and Revitalization
ANTH 332	Anthropology of Science
ANTH 340	Canadian Indigenous Issues
ANTH 389	Topics in Anthropology
ANTH 399	Ecological Perspectives in Anthropology
ANTH 415	Anthropological Theory
ANTH 440	The Anthropology of Colonial Encounters
ANTH 481	Archaeological Theory History
ANTH 497	Topics in Anthropology

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Anthropology Courses

ANTH 101
Introduction to Anthropology
3 Credits Weekly (3-0-0)
This course is a general introduction to anthropology through the study of central concepts and key issues. Topics include human evolution, the appearance of culture, social organization, cultural theory, symbolic systems, and culture change.

ANTH 108
Elements of Human Linguistics
3 Credits Weekly (3-0-0)
This course provides an introduction to the principle ideas about language and communication, including laboratory exercises. Course content includes the evolution of language, anatomy of language, principles and main categories of linguistic analysis (phonology, syntax, morphology, semantics), linguistic diversity, and cross-linguistic variation.

ANTH 206
Introduction to Archaeology
3 Credits Weekly (2-1-0)
This course provides a general introduction to the methods, practice and theory of prehistoric archaeology. Topics include the goals and objectives of the discipline, data collection and analysis as well as methods of interpretation. Emphasis is on methods used to reconstruct prehistoric life-ways and explain cultural development rather than a general survey of prehistory. Note:This course can be used to fulfil the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in a 100-level course in ANTH *(*p. 659*) or EASC 101.*

ANTH 207
Introduction to Social and Cultural Anthropology
3 Credits Weekly (3-0-0)
This course provides an overview of socio-cultural anthropology, which introduces the students to the diversity of human cultures and the concepts and theoretical orientation of the cultural anthropologist. Unity and diversity in human social life are emphasized.
Prerequisites: Minimum grade of C- in a 100-level ANTH *(*p. 659*) course.*

ANTH 208
Introduction to Linguistic Anthropology
3 Credits Weekly (3-0-0)
This course focuses on the anthropological study of language and communication. It examines the analytical methods and theory used in linguistic anthropology.
Prerequisites: Minimum grade of C- in a 100-level course in ANTH *(*p. 659*).*

ANTH 209
Introduction to Biological Anthropology
3 Credits Weekly (2-1-0)
This course introduces students to the sub-discipline of biological anthropology. Students examine the emergence of the human species and the theoretical and methodological frameworks used to understand present-day human biological variation. Topics include basic principles of evolutionary theory, human skeletal biology, comparative primate anatomy and behaviour, and hominid evolution. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in a 100-level course in ANTH *(*p. 659*).*

ANTH 210
Gender, Age and Culture
3 Credits Weekly (3-0-0)
This course examines sex, gender, and age from an anthropological perspective. It examines how societies construct sex and gender and what it means to be an engendered person cross-culturally. The course considers the impact of sex, gender, and age differences as crucial aspects of social organization and structure, as well as how they relate to broader economic and political processes, such as colonialism and globalization, that shape the daily lives of humans.
Prerequisites: A minimum grade of C- in ANTH 101, or second-year standing.

ANTH 219
World Prehistory
3 Credits Weekly (3-0-0)
This course surveys the development of societies around the world over the last 3 million years. It begins by introducing the discipline of archaeology and the methods and techniques used to learn about the human past. Cultural sequences from various regions of the Old and New World (eg. Egypt, Mesopotamia, China, Europe, Mesoamerica, and the Andes) are examined. Finally, comparisons are made between these cultural sequences to explore such topics as the origins of agriculture, the development of complex societies, human dispersals and colonization, and the long-term effects of climate change and demographic growth.

ANTH 245
Ethnography of Mediterranean Peoples
3 Credits Weekly (3-0-0)
This course investigates anthropologists' contributions to understanding Mediterranean societies and cultures. The concept of a "Mediterranean culture" is critiqued. Through cross-cultural comparison, students investigate the diversity occurring in "Mediterranean" cultures, but also shared and parallel institutions and practices. Relevant historical, geographic, and environmental factors are explored and considered in light of anthropological explanation of circum-Mediterranean cultural institutions, social organization and practices.

ANTH 246
Circumpolar Peoples
3 Credits Weekly (3-0-0)
This course provides a comprehensive introduction to the Inuit culture of Canada and other cultures of the circumpolar region. The course includes an introduction to anthropological perspectives, research methods and cross cultural analyses as well as to the geographical and cultural boundaries that exist in the north. Various topics are covered including the impacts of climate change, re-settlement, economic growth, and health issues.

ANTH 250
Introduction to Indigenous Peoples in Canada
3 Credits Weekly (3-0-0)
This course provides an introduction to Indigenous Peoples in Canada from an anthropological perspective. Topics covered may include oral traditions, culture areas, politics, economics, family, kinship, religion, and conflict between cultural groups.

ANTH 251
Race and Racism in The Modern World
3 Credits Weekly (3-0-0)
This course offers an anthropological perspective on how the concept of race has been used to examine biological and cultural variation among humans. Issues and topics may include theoretical and methodological perspectives of race and racism, multiculturalism and interculturalism, migration, ethnic identity, prejudice and ethnocentrism, racism, caste system, eugenics, and the persistence of ethnic identity in the face of globalization. Case studies dealing with race issues in Canada and other countries are used to illustrate these concepts.
Prerequisites: A minimum grade of C- in ANTH 101, or second-year standing.

ANTH 261
Peoples and Cultures of Mesoamerica
3 Credits Weekly (3-0-0)
This course is an introduction to the culture area of Mesoamerica. It examines the cultural history of the native peoples of Mesoamerica from the pre-Columbian past to the present and includes studies of contemporary native communities.

ANTH 262
Peoples and Cultures of South America
3 Credits Weekly (3-0-0)
This course is an introduction to the cultural history of the native peoples of South America. It examines the social and culture history of indigenous peoples, surveying local and regional cultural variations.

ANTH 305
Human Variation and Adaptation
3 Credits Weekly (2-1-0)
This course examines, from a biocultural perspective, the extraordinary range of human biological variation and explores the evolutionary, adaptive, behavioural, cultural and environmental influences that produce this diversity. The first half of the course examines historical perspectives on human differences and outlines our current understanding of the basic principles of evolutionary biology. The second half of the course examines how these principles have been used to explain such aspects of human variation as body size and shape, skin colour, blood chemistry, and disease. Throughout the course, the interaction of biology and culture are discussed, as well as the veracity of such contentious topics as 'race', intelligence, sex differences and genetic disorders. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grade of C- in ANTH 209.

ANTH 308
Language, Gender, and Sexuality
3 Credits Weekly (3-0-0)
This course addresses major themes and approaches to the study of language and gender and of language and sexuality. Students engage in critical examination of how cultural paradigms of gender and sexuality are constructed, expressed, challenged, and transformed through linguistic practice and performance, as well as how language is involved in the construction of social identities and communities. This course considers gender and sexuality in a cross-linguistic and cross-cultural perspective. Students learn to apply sociolinguistic and linguistic anthropological theories to the study of gender, sexuality, and social power.
Prerequisites: A minimum grade of C- in ANTH 208.

ANTH 318
Political Anthropology
3 Credits Weekly (3-0-0)
The course examines some of the major theoretical approaches to politics and power which have emerged within Anthropology, or which have influenced anthropological writings. Employing a cross-cultural, comparative perspective, this course shows that, in western society, 'politics' describes activities and institutions focused around political parties, government, and the state; within anthropology, however, the term 'politics' is linked to the idea of 'power', where power is an aspect of a broad range of relationships from the most local to the global. The course addresses issues as diverse as uncentralized politics, state formation, and the impact of global power relations on the micro-level of everyday interaction.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208.

ANTH 320
Archaeology of Gender
3 Credits Weekly (3-0-0)
This course examines approaches to gender in archaeological research from methodological, theoretical, and historical perspectives. The course focuses on the impact of a 'gendered' archaeology against a backdrop of a more general examination of anthropological theories, gender roles, gender ideology and gender politics.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH 321
Language Endangerment and Revitalization
3 Credits Weekly (3-0-0)
This course focuses on the social, political, and economic causes and impacts of language loss from a global perspective. Emphasis is placed on Indigenous languages, but minority languages of Europe and Asia are also discussed. Practical strategies for sustaining and revitalizing Indigenous languages are analyzed. Students take an anthropological perspective on the challenges facing endangered language communities and the global and local meanings of linguistic diversity.
Prerequisites: Minimum grade of C- in ANTH 208.

ANTH 322
Plagues, Pandemics, and People
3 Credits Weekly (3-0-0)
This course uses a biocultural approach to examine the evolutionary, ecological and epidemiological context of selected historic and emerging infectious disease epidemics and pandemics. Complex biological, social and economic repercussions for human populations are considered.
Prerequisites: A minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209.

ANTH 324
Economic Anthropology
3 Credits Weekly (3-0-0)
This course provides a comprehensive overview of the key theoretical approaches and research in economic anthropology. Employing a cross-cultural, comparative perspective, this course investigates anthropologists' studies of exchange behaviour as social, political and economic phenomena. The course is designed not only to broaden understanding of exchange in other societies, but to provide the comparative data necessary to evaluate our own forms of exchange and measures of economic well-being. Particular emphasis is placed upon a critical examination of the typologies created and employed by economic anthropologists.
Prerequisites: Minimum grade of C- in ANTH 207.

ANTH 332
Anthropology of Science
3 Credits Weekly (3-0-0)
This course investigates science as a cultural and historical product. Employing the anthropological perspective across the four sub-fields, this course investigates anthropologists' studies of science and seeks to understand how science is created within ideological, social, economic, and political environments. The course is designed not only to broaden understanding of science in other societies, but also to provide the comparative data necessary to evaluate western understanding.
Prerequisites: A minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209.

ANTH 340
Canadian Indigenous Issues
3 Credits Weekly (3-0-0)
This course employs an anthropological approach to analyze issues facing Canadian Indigenous Peoples today. Cultural theories for the analysis of patterns, processes and trends are examined. Specific topics include Indigenous Peoples and Canadian politics, economics, education, religion, health, law and the arts.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 250.

ANTH 370
The Anthropology of Space and Place
3 Credits Weekly (3-0-0)
Much of anthropological data is based on notions of space and place. Archaeologists invest much of their time in detailing location and arrangement of built form and material culture. This course examines the theoretical and methodological approaches to landscape, space, and place in anthropology and archaeology. Topics may include the conceptualization of space, place, and landscape in anthropological and archaeological research and writing, the changing nature of concepts of landscape, and space and place as analytical frameworks for understanding past, present, and future societies and cultures. We consider three related dimensions of human spatial practice over time and space/place: experience, perception, and imagination.
Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 207 or ANTH 208.

ANTH 375
Zooarchaeology
3 Credits Weekly (1-2-0)
This course is an introduction to the study of animal remains from archaeological contexts. Topics discussed include the reconstruction of environment and season of site occupation, the economic uses of animals and evidence of animal domestication, and the procedures for analyzing faunal remains and challenges in their interpretation. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grade of C- in ANTH 206 and ANTH 209.

ANTH 385
Archaeology of the Americas
3 Credits Weekly (3-0-0)
This course provides a survey of select prehistoric cultures of North, Central and South America. Topics to be discussed include the peopling of the Americas, rise of pre-Columbian civilizations and the variety of cultural adaptations in the Americas.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH 388
Artifact Analysis
3 Credits Weekly (1-2-0)
This course covers a variety of methods for analysing and interpreting items of material culture commonly recovered from archaeological contexts. Particular emphasis is placed upon understanding the technologies used to manufacture prehistoric and historic artifacts and the methods used to analyse their functions and stylistic attributes. Lab work includes exercises in qualitative and quantitative description and classification, and experiments in tool use and manufacture. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ANTH 206.

ANTH 389
Topics in Anthropology
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to Anthropology. The topic for the course varies and is announced prior to registration. This course may be taken up to two times provided the course topic is different.
Prerequisites: Minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209; depending on the topic, instructors may specify one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209 as recommended background.

ANTH 390
Human Osteology
3 Credits Weekly (1-2-0)
A hands-on laboratory course that offers a comprehensive study of the human skeleton, both as a dynamic, living system and as a source of information for reconstructing past human lives. During the first part of the course we cover basic skeletal biology and students learn to identify and side every human bone, a large number of fragmentary bones, and all of the major morphological features on each bone. During the second part of the course, we explore the methods used to recover human skeletal remains from archaeological and forensic contexts, and students learn to apply techniques for reconstructing past lives from skeletal remains including health and disease, biological relatedness, physical activity patterns, and estimates of age, sex and stature. Throughout the course we discuss the ethics of dealing with human remains. Note:This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grade of C- in ANTH 209.

ANTH 393
Cross-Cultural Perspectives on Health and Healing
3 Credits Weekly (3-0-0)
This course provides an introduction to the sub-field of Medical Anthropology. Beginning with an overview of central concepts and theoretical perspectives of medical anthropology, this course addresses the different ways in which health and illness are constructed cross-culturally, the roles of healers in different societies, and the political economy and social determinants of health and illness.
Prerequisites: Minimum grade of C- in a 100-level ANTH *(p. 659) course.*

ANTH 394
Ethnographic Research Methods
3 Credits Weekly (3-0-0)
This course concentrates on the perspectives, qualitative methods, and research strategies employed by ethnographers. Special emphasis is placed on techniques of major ethnographic research traditions, methods of data collection, analysis of narrative or textual data, ethical issues in research and presentation of research results. Grant writing and the use of such tools as computer software, film and other recording devices in ethnographic research are also explored. Note: The consent of the Department is required for Non-Anthropology majors.
Prerequisites: Minimum grade of C- in one of the following: ANTH 207 or ANTH 208.

ANTH 395
Archaeological Method Issues
3 Credits Weekly (3-0-0)
As a survey of theory and practices currently used in archaeology, students study the concepts and models used for interpreting archaeological data as well as the evaluation of ethical issues regarding archaeological investigations and remains.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH 396
Archaeological Field Training
6 Credits Total (0-0-90)
This course provides students with an introduction to archaeological field work. Students experience all practical archaeological field techniques, including survey, excavation, laboratory analysis, cataloguing artifacts and conservation.
Prerequisites: Minimum grade of C- in ANTH 206 and consent of the department.

ANTH 397
Ethnographic Field School
6 Credits Total (0-0-90)
Anthropology is a broadly-based approach to understanding the human experience. Ethnographic methods approach this experience primarily, but not exclusively, through observation and participation in daily activities of communities. This course combines seminars with ethnographic research. Over the course of the field school, students learn the steps involved in designing and executing an ethnographic research project. They are trained in the central methods of ethnographic research and analysis. Where appropriate, allied field methods may be introduced. Note: ANTH 394 is recommended. Please note that acceptance into the field school is competitive and subject to an application process which includes a panel interview. Upon preliminary selection, all students have to attend a mandatory 15-hour pre-departure seminar and write a report. The seminar is graded as a component of the final grade.
Prerequisites: A minimum grade of C- in ANTH 207 or ANTH 208 and consent of the department.

ANTH 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

ANTH 399
Ecological Perspectives in Anthropology
3 Credits Weekly (3-0-0)
This course considers the question of human relationships to the environment as mediated through culture. To what extent and in what ways can we consider "nature" or "the environment" as sociocultural constructions? Alternatively, to what extent and in what ways are cultures shaped by natural environments? Interdisciplinary in nature, this course brings together concerns about the production and use of knowledge regarding human social and cultural behavior in specific environmental contexts.
Prerequisites: Minimum grade of C- in one of the following: ANTH 206, ANTH 207, ANTH 208 or ANTH 209.

ANTH 410
Humans, Climate and Culture
3 Credits Weekly (0-0-3)
This course examines the role of climate in our species' evolutionary history and conversely, human influence upon climate. Theories about the role of climate in shaping social organization and social "complexity" are addressed in light of evidence from the prehistoric record. The prehistoric and historic record of human responses to and influences upon climate will further be examined through regional and local case studies. The course concludes with a review of sociocultural institutions and practices as they relate to climate; cultural perceptions of weather and climate; cultural responses to climate change; and finally, the consequences to cultures of climate change.
Prerequisites: Minimum grade of C- in one of the following: ANTH 206 or ANTH 207, or ANTH 209 or EASC 208.

ANTH 411
Environmental Archaeology
3 Credits Weekly (0-0-3)
This course provides an overview of the techniques used in the analysis of past environments and the human interactions in these environments. Theories and methods are presented for reconstructing ancient ecosystems and assessing human transformation of these ecosystems. Case studies are used as examples.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH 415
Anthropological Theory
3 Credits Weekly (0-0-3)
This course is an overview of key trends and paradigms in anthropological theory, from classical to contemporary approaches. Using a topical or thematic approach we consider the contributions of a number of anthropological theorists. Through the application of theoretical perspectives to case studies and ethnographies, the distinctive and mutual relationship between theory, method, and ethnographic data in anthropology is emphasized.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and any 300-level ANTH *(*p. 659*)* *course.*

ANTH 420
Culture and Globalization
3 Credits Weekly (0-0-3)
Transnational movement of money, media images, information, and people have spawned intense debates about the global impact of commodities, ideas, and capital on cultural and biological diversity. This course provides an anthropological consideration of globalization and its relationship to culture, modernity, tradition, diaspora, nationalism, race, class, and gender. In particular, we track the movements and reconfigurations of capital(ism), commodities, communication, and people by focusing on ethnographic analyses of such circuits.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and a 300-level ANTH *(*p. 659*) course.*

ANTH 421
Language and Power
3 Credits Weekly (0-0-3)
While language indexes the power relationships within a society and naturalizes them, it is also critical in the formation of social groups and struggle for power and prestige. In analyzing uses of language in a wide range of social and political contexts, the course addresses issues which include the ways language, power, hegemony and political struggle are related; the effects of nationalism on language; the role of language as a means of creating social organization and hierarchy; the relationship between minority and majority languages and cultures; and the role of the media, popular culture and literacy in contemporary linguistic and social relations.
Prerequisites: Minimum grade of C- in ANTH 208 and in one 300-level ANTH *(*p. 659*) course.*

ANTH 440
The Anthropology of Colonial Encounters
3 Credits Weekly (0-0-3)
This course examines the process of European colonization and expansion in the Americas and its long-term consequences from an anthropological perspective. Topics considered include the complex historical motives of peoples entangled in colonial relations, the political and ecological effects upon cultures, and the role of colonialism in shaping the discipline of anthropology.
Prerequisites: Minimum grade of C- in one of ANTH 206 or ANTH 207 and one of ANTH 246, ANTH 250, ANTH 261 or ANTH 262.

ANTH 444
Applied Anthropology
3 Credits Weekly (0-0-3)
This seminar course explores applied anthropology as a fifth sub-field of anthropology and as a practice that is both an aspiration and a vocation for many contemporary anthropologists. Students in this class will explore and apply methods used by contemporary anthropologists to unpack and find solutions to current social problems. The course investigates the relevance of anthropology to practical concerns such as cultural heritage, development work, sustainability, and immigration. Students will also learn about anthropology's versatility and its application in numerous related fields like policy, business, and law. This course will pay particular attention to ethical dilemmas in applied fieldwork and the relationship between anthropology and advocacy.
Prerequisites: A minimum grade of C- in one of ANTH 394 or ANTH 395.

ANTH 481
Archaeological Theory History
3 Credits Weekly (0-0-3)
This course provides in-depth analysis of the evolution of archaeological theory from early antiquarianism to current ideas and practices.
Prerequisites: Minimum grade of C- in either ANTH 206 or ANTH 209 and a 300 level ANTH *(*p. 659*) course.*

ANTH 486
Archaeology of Death
3 Credits Weekly (0-0-3)
This course considers the role of mortuary evidence in facilitating understanding of past cultures. By examining numerous case studies, the course draws on a variety of anthropological and archaeological frameworks to explore how people treat their dead and what this can tell us about both the dead and the living.
Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 209 and a 300-level ANTH *(*p. 659*) course.*

ANTH 495
Anthropology Field Placement
3 Credits Total (0-0-100)
In this course, the students are assigned to a public, private, or non-profit organization where they apply their knowledge and skills in research or other practical aspects of a project. Note: This course does not fulfill the 400-level requirement for the major and minor. Acceptance into the field placement is competitive and subject to an application process which includes an interview.
Prerequisites: Minimum grades of C- in 6 credits of 300-level ANTH *(*p. 659*) and consent of the department.*

ANTH 497
Topics in Anthropology
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of anthropology. This course is devoted to the detailed study of a single theme - particularly themes of contemporary relevance or debate - and it rotates among the subfields in Anthropology.
Prerequisites: Minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209 and a minimum grade of C- in any 300-level ANTH *(*p. 659*) course.*

ANTH 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

ANTH 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to and required of students in the Honours Anthropology program. Students complete both ANTH 499A and 499B in consecutive terms to attain credit for this course.
Prerequisites: Registration in the Honours Program and consent of the department.

ANTH 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to and required of students in the Honours Anthropology program. Students complete both ANTH 499A and 499B in consecutive terms to attain credit for this course.
Prerequisites: Registration in the Honours Program and consent of the department.

Applied Statistics - Bachelor of Science

Overview

Every minute of every day data is generated at a staggering rate. That "big data" has the potential to do many things—reveal business trends, prevent diseases, improve safety and fight crime. The power of data lies not in the bits and bytes themselves, but in what you do with them. When you major in Applied Statistics, you analyze and explore a wide range of data and use statistics to find patterns, trends and connections that support strategic decisions. You gain a strong theoretical foundation in mathematics and computer science while focusing on the practical application of statistics that can be used in almost every industry and sector, including government, oil and gas, insurance, finance and medical and biological research.

Contact Information

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Bachelor of Science

Faculty of Arts and Science
MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-
Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉

Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6
Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60
Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

1

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options
ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options

CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options
INFM 101	ARTOP 1XX	Options

INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 203	SCIOP 2XX	Options
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Applied Statistics Requirements

Applied Statistics Major (p. 142)

Applied Statistics Honours (p. 142)

Applied Statistics Major

The Bachelor of Science (BSc) in Applied Statistics program requires students to complete 120 credits of non-duplicative coursework. In addition to the Applied Statistics Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Science major

Students are required to complete option courses as well as the major(s) and minor(s). All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Applied Statistics Major is 42 to 60 credits with a minimum of 36 senior-level credits and a minimum of six credits at the 400-level.

Note: Students majoring in Applied Statistics require STAT 151 or STAT 161, which fulfill the General Major Requirements. Students also need prerequisite courses MATH 114, MATH 115, one of MATH 120 or MATH 125, and CMPT 101 or CMPT 103. These courses fulfill the degree breadth requirements.

Bachelor of Science - Applied Statistics Major

Code	Title	Credits
Specific Major Requirements		
MATH 214	Intermediate Calculus I	3
MATH 215	Intermediate Calculus II	3
MATH 225	Linear Algebra II	3
STAT 265	Probability Theory I	3
STAT 266	Mathematical Statistics	3
STAT 350	Sampling Theory and Applications	3
or STAT 353	Design and Analysis of Experiments	
STAT 378	Applied Regression Analysis	3
STAT 496	Statistical Consulting Project	3
General Major Requirements		
Choose 18 to 36 credits from junior- and senior-level STAT		18-36
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Applied Statistics Honours

The Bachelor of Science (BSc) Applied Statistics Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Applied Statistics Honours program is comprised of 81 to 84 credits with a minimum of 12 credits at the 400-level (including STAT 499). Students are required to declare a minor subject as part of the Applied Statistics Honours requirements. Minors are comprised of 18 senior-level credits.

For admittance/acceptance into Applied Statistics Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. Completion of STAT 265 and STAT 266
4. A minimum GPA of 3.3 across all senior-level STAT courses

Students accepted and enrolled in the Applied Statistics Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all senior-level STAT courses for each 12 consecutive months following acceptance into the Honours program. Failure to maintain a 3.3 Honours GPA will result in the student's program status reverting to a BSc Applied Statistics Major.

All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, minor(s), or options.

Bachelor of Science - Applied Statistics Honours

Code	Title	Credits
Specific Honours Requirements		
STAT 151	Introduction to Applied Statistics	3
or STAT 161	Applied Statistics for the Social Sciences	
MATH 114	Elementary Calculus I	3
MATH 115	Elementary Calculus II	3
MATH 120	Basic Linear Algebra I	3
or MATH 125	Linear Algebra I	
MATH 214	Intermediate Calculus I	3
MATH 215	Intermediate Calculus II	3
MATH 225	Linear Algebra II	3
STAT 265	Probability Theory I	3
STAT 266	Mathematical Statistics	3
STAT 312	Probability Theory II	3
or STAT 370	Applied Time Series Analysis	
STAT 350	Sampling Theory and Applications	3
or STAT 353	Design and Analysis of Experiments	
STAT 372	Applied Multivariate Statistics and Machine Learning	3
STAT 378	Applied Regression Analysis	3
STAT 478	Applied Generalized Linear Models	3
STAT 496	Statistical Consulting Project	3
STAT 499	Honours Thesis	3
General Honours Requirements		
Honours Requirements		
Choose 15 to 18 credits from senior-level STAT with a minimum of three credits at the 400-level		15-18
Required Minor		
Minor discipline chosen in consultation with the Applied Statistics Honours advisor		18
Option Courses		

Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	36-39
Total Credits	**120**

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Applied Statistics Major Learning Outcomes

1. Analyze and explore a wide range of data using appropriate statistical tools.
2. Write, read, and edit computer code for data processing and analysis.
3. Prepare and present oral and written data analyses reports such that results are meaningful and can be well understood by audiences with little statistical background.
4. Explain and prove basic results from linear algebra, calculus, probability theory, and mathematical statistics.
5. Demonstrate ethical conduct in handling data, statistical analyses, and reporting.

Applied Statistics Honours Learning Outcomes

1. Explore data, select, apply, compare, and evaluate statistical methods, and interpret the results obtained from the statistical analyses in an applied context.

2. Use mathematical tools from calculus and linear algebra to explain and prove results in probability theory and statistics.
3. Prepare and present oral and written data analyses reports such that the results are meaningful and can be well understood by audiences with little statistical background.
4. Design algorithms for simulations or data processing and analysis, and implement them in R or some other computer programming language.
5. Translate real-world problems into statistical questions and work in a collaborative and/or interdisciplinary environment to address these questions.
6. Demonstrate ethical conduct in handling data, statistical analyses, and reporting.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- STAT 151 or STAT 161 fulfills a general major requirement

Year 1	Credits
STAT 151	3
MATH 114	3
MATH 115	3
Choose 3 credits (1 course) from the following:	3
MATH 120	
MATH 125	
Choose 3 credits (1 course) from the following:	3
CMPT 101	
CMPT 103	
ENGL 102	3
Breadth Requirements	12
	30

Year 2	Credits
MATH 214	3
MATH 215	3
MATH 225	3
STAT 265	3
STAT 266	3
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 3	Credits
Choose 3 credits (1 course) from the following:	3
STAT 350	
STAT 353	
STAT 378	3
Choose 9 credits (3 courses) from junior- or senior-level STAT	9
Options, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 4	Credits
STAT 496	3
Choose 3 credits (1 course) from 400-level STAT	3
Choose 6 credits (2 courses) from senior-level STAT	6
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

STAT 151	Introduction to Applied Statistics
STAT 161	Applied Statistics for the Social Sciences
STAT 252	Applied Statistics II
STAT 265	Probability Theory I
STAT 370	Applied Time Series Analysis
STAT 371	Applied Categorical Data Analysis
STAT 378	Applied Regression Analysis

Winter 2025

STAT 151	Introduction to Applied Statistics
STAT 161	Applied Statistics for the Social Sciences
STAT 252	Applied Statistics II
STAT 265	Probability Theory I
STAT 266	Mathematical Statistics
STAT 350	Sampling Theory and Applications
STAT 395	Special Topics in Statistics at the intermediate level
STAT 412	Stochastic Processes
STAT 496	Statistical Consulting Project

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Applied Statistics Courses

STAT 151
Introduction to Applied Statistics
3 Credits Weekly (3-1.5-0)
In this course the following topics are covered: data collection and presentation; descriptive statistics; probability distributions, sampling distributions and the central limit theorem; point estimation, confidence intervals, and hypothesis testing; one-way ANOVA; Chi-square tests; and correlation and regression analysis. Applications are taken from a broad variety of fields such as biological and medical sciences, engineering, social sciences and economics. Note: This course may not be taken for credit if credit has been obtained in Stat 161.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT 161
Applied Statistics for the Social Sciences
3 Credits Weekly (3-1.5-0)
This course provides an introduction to descriptive and inferential statistics with a focus on data analytic tools particularly relevant in the social sciences. Topics covered in this course include descriptive statistics, basic probability theory and the central limit theorem; estimation and hypothesis testing; t-tests, analysis of contingency tables, one way ANOVA, and multiple linear regression analysis. Applications are taken from the social sciences and many other fields such as biological and medical sciences, engineering, and economics. Note: Credit cannot be obtained in both STAT 151 and 161.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT 252
Applied Statistics II
3 Credits Weekly (3-2-0)
Fundamental methods in applied statistics are presented in this course including the following topics: factorial ANOVA and Linear Regression models and their analysis as well as non-parametric statistical tools for the comparison of the centre of distributions. Applications are taken from a broad variety of areas such as biological, social and computer sciences, engineering, and economics.
Prerequisites: A minimum grade of C- in one of STAT 151 or STAT 161.

STAT 265
Probability Theory I
3 Credits Weekly (3-0-1)
This course offers a calculus-based introduction to probability theory. Topics covered include sample space, events, combinatorial probability, conditional probability, independent events, Bayes' theorem, discrete and continuous random variables, univariate and multivariate probability distributions, expectation, conditional expectation, joint probability distributions, independence, moment generating functions. Note: STAT 151 is recommended and MATH 214 is a recommended corequisite.
Prerequisites: A minimum grade of C- in MATH 115.

STAT 266
Mathematical Statistics
3 Credits Weekly (3-1-1)
The emphasis of this course is to present the fundamental statistical concepts in estimation and hypothesis testing from a classical perspective using the tools of probability theory. Topics covered include: limit theorems, sampling distributions, methods of point estimation and properties of point estimators, interval estimation, testing hypotheses. Statistical software is used to simulate distributions and probabilistic processes that lead to statistical applications.
Prerequisites: Minimum grades of C- in STAT 265, STAT 151 or STAT 161, and in either CMPT 101 or CMPT 103.

STAT 312
Probability Theory II
3 Credits Weekly (3-0-0)
This course offers a rigorous approach to probability theory. Topics covered include concepts of probability theory, multivariate random variables, conditional expectation and variance, probability and moment generating functions, the multivariate normal distribution, different types of convergence and limit theorems, Poisson and branching processes.
Prerequisites: Minimum grades of C- in MATH 215, MATH 225, and STAT 265.

STAT 322
Finite Markov Chains and Applications
3 Credits Weekly (3-0-1)
This course presents fundamental results regarding finite Markov chains. Topics covered include connection with matrix theory, classification of states, main properties of absorbing, regular and ergodic finite Markov chains. Applications to genetics, psychology, computing science and engineering are also included.
Prerequisites: Minimum grades of C- in either MATH 120 or MATH 125, and in STAT 265; a minimum grade of C- in Math 214 is recommended.

STAT 324
Computational Statistics with R
3 Credits Weekly (2-2-0)
This course explores the usage of computer programming and algorithms in the field of statistics. The focus of the course will be computationally intensive statistical methods, such as Monte Carlo simulations, the expectation-maximization algorithm, and bootstrapping. The material will be illustrated and the students' work will be carried out using R (a free, open source, multi-platform programming language).
Prerequisites: Minimum grades of C- in STAT 266, and in either CMPT 101 or CMPT 103.

STAT 350
Sampling Theory and Applications
3 Credits Weekly (3-0-0)
This course concentrates on the design and analysis techniques for sample surveys. Topics include simple random sampling, stratified sampling, ratio, regression and difference estimation, single-stage cluster sampling, systematic sampling, two-stage cluster sampling.
Prerequisites: A minimum grade of C- in STAT 265.

STAT 353
Design and Analysis of Experiments
3 Credits Weekly (3-2-0)
This course deals with design, conduct and analysis of experimental studies. Topics include: principles of design, completely randomized design with one factor, randomized complete block designs, Latin square design, Graeco-Latin square design, balanced incomplete block design, factorial design, two-level factorial design, two-level factorial design in incomplete blocks, two-level fractional factorial design, experiments with random factors, and nested and split-plot designs.
Prerequisites: A minimum grade of C- in STAT 266.

STAT 370
Applied Time Series Analysis
3 Credits Weekly (3-2-0)
This is an introductory course in applied time series analysis. Topics include computational techniques in time domain for simple time series models. Model selection, estimation, and forecasting are illustrated for the autoregressive, moving average, ARMA, ARIMA and SARIMA models. Applications are taken from medical and social sciences, biology, engineering and business.
Prerequisites: Minimum grades of C- in STAT 266, MATH 214, and MATH 225.

STAT 371
Applied Categorical Data Analysis
3 Credits Weekly (3-2-0)
This course presents fundamental methods in categorical data analysis emphasizing applications. Topics include: analysis of two-way tables, models for binary response variables, loglinear models, and models for ordinal data and multinomial response data.
Prerequisites: A minimum grade of C- in either STAT 252 or STAT 266.

STAT 372
Applied Multivariate Statistics and Machine Learning
3 Credits Weekly (3-2-0)
This course focuses on essential multivariate statistical methods. Topics include matrix algebra, tests of significance, principal components analysis, factor analysis, discriminant analysis, cluster analysis and canonical correlation analysis. This course is relevant to working professionals in health, social biological and behavioral sciences who engage in applied research in their field.
Prerequisites: Minimum grades of C- in STAT 265, one of MATH 120 or MATH 125, and one of STAT 151 or STAT 161.

STAT 378
Applied Regression Analysis
3 Credits Weekly (3-2-0)
The course introduces methods in regression analysis. Topics include: multiple linear regression with particular focus on diagnostics, non-linear regression, and generalized linear models, such as Poisson regression and logistic regression. Emphasis will be placed on the practical application of the statistical methods.
Prerequisites: Minimum grades of C- in either STAT 266 or in all of STAT 252, MATH 114, and either MATH 120 or MATH 125.

STAT 395
Special Topics in Statistics at the intermediate level
3 Credits Weekly (3-0-1)
In this course students examine a topic in Statistics at the intermediate level. Topics vary and are announced prior to registration. Consult with faculty members in Statistics for details regarding current offerings. Note: This course may be taken multiple times for credit.
Prerequisites: A minimum grade of B- in STAT 265 and consent of the department.

STAT 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

STAT 412
Stochastic Processes
3 Credits Weekly (3-2-0)
This course presents fundamental results regarding discrete and continuous time Markov chains, branching processes, random walks, birth and death processes, semi-Markov processes, and Brownian motions. A practical but rigorous approach to stochastic processes will be utilized, with a focus on building models and understanding them mathematically.
Prerequisites: Minimum grades of C- in CMPT 101 or CMPT 103, MATH 214, MATH 225, STAT 266, and an additional three credits in any 300-level STAT *(*p. 848*) course.*

STAT 465
Probability Theory and Mathematical Statistics II
3 Credits Weekly (3-1-0)
This course offers a rigorous approach to probability theory and mathematical statistics. Topics include conditional expectation and variance, multivariate normal distribution, convergence, laws of large numbers, central limit theorem, maximum likelihood estimator and its properties, Delta method, likelihood ratio tests, Taylor and Edgeworth expansions.
Prerequisites: A minimum grade of C- in Math 225, STAT 266 and any 300-level statistics course.

STAT 478
Applied Generalized Linear Models
3 Credits Weekly (3-2-0)
The course introduces the theory of generalized linear models and their applications. Topics include exponential family of distributions, modeling binomial and count data, linear mixed models, gamma and inverse-Gaussian generalized linear models, and introduction to survival analysis. Emphasis will be placed on the practical application of the statistical methods.
Prerequisites: A minimum grade of C- in both STAT 266 and STAT 378.

STAT 495
Special Topics in Statistics
3 Credits Weekly (3-0-1)
In this course, students examine an advanced topic in Statistics. Topics vary and are announced prior to registration. Consult with faculty members in Statistics for details regarding current offerings. Note: This course may up to three times for credit provided the topic is different.
Prerequisites: Minimum grade of B- in a 300-level STAT *(*p. 848*) course and consent of the department.*

STAT 496
Statistical Consulting Project
3 Credits Total (0-0-45)
The aim of the course is to provide students with experience in statistical consultation. Students are assigned to research projects as consultants, which requires them to consider ethical statistical practice, choose the appropriate statistical technique, and communicate the results to a non-mathematical audience.
Prerequisites: A minimum grade of C- in two 300-level STAT *(*p. 848*) courses and consent of the department.*

STAT 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

STAT 499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor, registered students explore a specific topic in depth through research or directed reading. The student plans, executes, and reports the results of their independent research or study project under the direction of a faculty supervisor in a written Honours Thesis with oral defense. Note: This course is intended for students in the final year of their degree and is open only to students in the Applied Statistics Honours program.
Prerequisites: Consent of the Department.

Arts and Cultural Management – Bachelor of Fine Arts

Overview

The Arts and Cultural Management major prepares students for a management career in the creative sector and encompasses all things arts and culture: working in music, theatre, dance, galleries and

museums, archives and heritage conservation, and the literary arts. Students learn the practical skills and specialized knowledge they need to enhance an organization's creative capacity—or to take their own career as an artist to the next level. The core of this major is leadership and project management, supported by community-engaged learning, including eight weeks of practical, hands-on work in the field.

Contact Information
artsmanagement@macewan.ca

The Bachelor of Fine Arts

Faculty of Fine Arts and Communications
MacEwan.ca/BFA (https://www.macewan.ca/academics/programs/bachelor-of-fine-arts/)

MacEwan University's new Bachelor of Fine Arts (BFA) with four distinct majors—Arts and Cultural Management, Studio Arts, Music Theatre Performance, and Theatre Production—offers students the opportunity to complete a BFA in a distinct discipline while studying closely with students in other complementary fine arts and communications disciplines. The curriculum explores the interdependent and interdisciplinary nature of contemporary art and the diverse spaces within which artists work.

The BFA provides depth in one of four disciplines while also incorporating breadth though multi- and interdisciplinary studies. All students take several interdisciplinary courses, like *The Arts in Culture* and *First Peoples and the Arts* and can also choose from a range of electives in the social sciences and business. This degree responds to the changing needs of the creative and cultural industries and students graduate with practical management skills and a depth of knowledge, skill, and expertise in their chosen discipline.

Degree Requirements

Program Element	Description	Credits
Major Requirements	Students complete between 69 and 102 credits of required courses, depending on their major. All students complete 6 credits of university English (ENGL) and up to 9 credits of Interdisciplinary Studies in the Arts (INTA) courses.	69-102
Interdisciplinary Options	Students complete between 0 and 6 credits of Interdisciplinary Studies in the Arts (INTA) options, depending on their major.	0-6
Program Options	Students complete between 0 and 24 credits of program options, depending on their major.	0-24
Electives	Students complete between 15 and 27 credits of electives, depending on their major.	15-27

Major Requirements

Code	Title	Credits
AGAD 100	Foundations of Arts and Cultural Management	3
AGAD 105	Accounting in Arts and Cultural Management	3
AGAD 107	Computer Applications in Arts and Cultural Management	3
or MGTS 107	Business Computing	
AGAD 112	Introduction to Audience and Resource Development	3
AGAD 120	Managing and Leading in Arts and Culture	3
AGAD 122	Applied Audience and Resource Development	3
AGAD 123	Human Resources in Arts and Cultural Management	3
AGAD 203	Introduction to Project Management in Arts and Culture	3
AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 223	Applied Project Management in Arts and Culture	3
AGAD 232	Advanced Audience and Resource Development	3
AGAD 250	Fund Development in Arts Management	3
AGAD 301	Cultural Policy and Advocacy	3
AGAD 307	Advanced Accounting	3
AGAD 340	Community Cultural Development and Engagement	3
AGAD 350	Arts Law: Contracts, Copyright and Entertainment	3
AGAD 400	Cultural Entrepreneurship	3
AGAD 420	Senior Leadership Seminar	3
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
INTA 210	The Arts in Culture	3
INTA 362	First Peoples and The Arts	3
Choose 6 credits of the following Work Integrated Learning Preparation and Work Integrated Learning courses:		
AGAD 229	Work Integrated Learning Preparation	0
or		
AGAD 429	Work Integrated Learning Prep	
AGAD 235	Work Integrated Learning	6
or		
AGAD 435	Work Integrated Learning	
Program Options		
Choose 18 credits from the list of program options.		18
Interdisciplinary Options		
Choose 6 credits from available INTA courses.		6
Electives		

Choose 24 credits of electives with at least 3 credits at the senior level. Students must take 9 credits from available ARTE, BCSC, DESN, INTA, MUSC, PREL, THAR, and THPR courses.	24
Total Credits	**120**

Program Options

List of Program Options

AGAD 225	Performing Arts Management	3
AGAD 226	Museum and Gallery Management	3
AGAD 227	Managing in the Music Industry	3
AGAD 240	Event Management	3
AGAD 300	Internal Practicum in Arts Management	3
AGAD 305	Curatorial Studies	3
AGAD 360	Programming and Placemaking in the Public Sphere	3
AGAD 430	Independent Study	3
AGAD 498	Special Topics in Arts and Cultural Management	3

INTERDISCIPLINARY OPTIONS

List of Interdisciplinary Options

INTA 220	Cultural Theory	3
INTA 240	Arts/Practice-Based Research	3
INTA 300	Confluence and Culture	3
INTA 310	The Arts in Urban Regeneration	3
INTA 360	The Arts and Pedagogy	3
INTA 412	Interdisciplinary Arts Project	3

course substitutions

List of Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
AGAD 103 and AGAD 127	AGAD 112
AGAD 121 and AGAD 127	AGAD 122
AGAD 129 and AGAD 130	AGAD 120
AGAD 103 and AGAD 121 and AGAD 127	AGAD 232
AGAD 125	AGAD 225
AGAD 126	AGAD 226
AGAD 101 or AGAD 201	AGAD 301
AGAD 109	AGAD 209
AGAD 131 or AGAD 231 or AGAD 235	AGAD 435
AGAD 133 or AGAD 229 or AGAD 233	AGAD 429
AGAD 230	AGAD 430

* Please note that if you took AGAD 131, 231, 133, and 233 courses and graduated in Spring 2019 and onwards then your substitution to AGAD 429/435 is valid. If you graduated prior to Spring 2019 then please speak with an Arts and Cultural Management advisor as the transfer credit will need to be determined on a case-by-case basis.

Diploma Exit

Code	Title	Credits
AGAD 100	Foundations of Arts and Cultural Management	3
AGAD 105	Accounting in Arts and Cultural Management	3
AGAD 107	Computer Applications in Arts and Cultural Management	3
or MGTS 107	Business Computing	
AGAD 112	Introduction to Audience and Resource Development	3
AGAD 120	Managing and Leading in Arts and Culture	3
AGAD 122	Applied Audience and Resource Development	3
AGAD 123	Human Resources in Arts and Cultural Management	3
AGAD 203	Introduction to Project Management in Arts and Culture	3
AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 223	Applied Project Management in Arts and Culture	3
AGAD 229	Work Integrated Learning Preparation	0
AGAD 232	Advanced Audience and Resource Development	3
AGAD 235	Work Integrated Learning	6
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
INTA 210	The Arts in Culture	3
Electives		
Choose 12 credits of electives. Students must take a minimum of 6 credits up to a maximum of 9 credits from available ARTE, BCSC, DESN, INTA, MUSC, PREL, THAR, and THPR courses.		12
Total Credits		**60**

Degree Regulations

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and co-requisite requirements for all courses.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level, and courses numbered from 200 to 499 are considered senior level.

Senior-Level Coursework Requirements

A minimum of 72 credits of the total 120 program credits must be at the senior level. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the degree and will not be counted toward fulfillment of graduation requirements.

English, Option and Elective Requirements

Students must review their major area Program of Study to ensure that they are familiar with the major requirements as well as the English, Options and Electives (and required number of senior-level credits) required for successful completion of their degree. Periodic meetings with an Academic Advisor are strongly recommended.

Residency Requirements

Students must complete 50% of the total credit requirements for the BFA at MacEwan University, as governed by Academic Policy Graduation (https://www.macewan.ca/c/policies/graduation.pdf).

Graduation Grade Point Average

Students must achieve and maintain a minimum Graduation Grade Point Average of 2.00 on the 4.00 scale.

Declaring Your Major

Applicants must declare their major when applying to the BFA. A second-choice option may also be declared at that time.

Changing from one Major to another BFA Major

Students who wish to change their major area of study must reapply to the BFA before the next published application deadline and indicate the new major to which they are applying. In order to be considered for a different major, applicants must be able to fulfill the other admission requirements for that major. See the Admission Criteria for more information on specific requirements for each major.

Work Integrated Learning

Work Integrated Learning opportunities are threaded throughout the Bachelor of Fine Arts program and provide students with important skills, creative industry knowledge and practical experience to succeed in their chosen field of study. To learn more about Work Integrated Learning opportunities for a particular major, please see the Program of Study.

Students completing their field placement courses in the Arts and Cultural Management major must comply with the Academic Policy Work Integrated Learning (https://www.macewan.ca/c/policies/work_integrated_learning.pdf). The University will facilitate the assignment of students in work placements; however, students must take responsibility for securing an acceptable placement and must work collaboratively with a university supervisor before and during their placement. Students are required to comply with any employer policies, including, but not limited to: confidentiality, hours of work, intellectual property rights and privacy protection.

Diploma Requirements

Students are eligible for a diploma after the completion of 60 credits as specified by the Program of Study in each major. In the Arts and Cultural Management major, that declaration must occur by the add/drop date at the beginning of their second year of study in order for arrangements to be made for the student to complete their required field placement. Failure to declare this intention will result in a delay in obtaining the diploma.

In the three other majors, declaration must occur by the graduation deadline of the year in which they wish to exit with a diploma.

Learning Outcomes

Bachelor of Fine Arts Learning Outcomes

1. Use creative methodologies and scholarly research in professional practice.
2. Advocate for the arts in a variety of communities.
3. Collaborate with artists and scholars toward the fulfillment of a vision, goal, initiative, or project.
4. Analyze scholarly works in arts and culture.
5. Engage communities through art with respect for cultural and social differences.
6. Communicate effectively and respectfully through a variety of media and in a range of contexts.
7. Employ ethical and sustainable strategies to support a career in the arts.
8. Respond to the ongoing demands of a professional arts practice through continual learning.

Arts and Cultural Management Major Learning Outcomes

1. Critically reflect on the role that artists and cultural organizations play socially, culturally, and politically.
2. Advocate strategically for the importance of arts and culture in society.
3. Identify and secure a diversity of revenues and resources to support strategic initiatives.
4. Exhibit the financial literacy necessary to manage the long-term sustainability of cultural organizations.
5. Plan and implement strategies that increase community engagement, public interest, and patron participation.
6. Analyze the production and consumption of culture nationally and internationally.
7. Plan and promote programs, spaces, projects, and social events related to the arts and cultural sector.
8. Anticipate, identify, and respond to trends that impact the cultural sector.
9. Prepare, present, and implement strategic operational plans of the arts and culture organization.
10. Manage and support human resources in the cultural sector within a variety of governance structures.
11. Lead and support others in an accountable, sustainable, and ethical manner.

Admission Requirements

Applicants must be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

- ELA 30-1 or 75% in ELA 30-2
- Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine or more post-secondary-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university level English with no grade less than C-

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. from a recognized institution:

- A diploma (minimum of 60 credits)

OR

- A minimum of 24 university-level credits

Additional Admission Criteria

To be evaluated through the Program

Studio Arts

Applicants are required to submit a portfolio and a statement of intent to be assessed by a committee of Studio Arts faculty.

Successful applicants will demonstrate in their portfolio:

- Formal skills: aesthetic sensibility, basic understanding of composition, colour, tone, perspective;
- Technical abilities: an interest in working with a variety of mediums and subjects, demonstrating skill, craftsmanship, diversity; and
- Demonstrates experimentation and conceptual engagement

Successful applicants will demonstrate in their statement of intent:

- The ability to express ideas well in writing;
- How this MacEwan University program is aligned with their interests and goals; and
- An interest in learning about the theories and practice of historical and contemporary art.

Music Theatre Performance

Applicants are required to audition and submit a cover letter and resume.

An audition panel will assess:

- Acting abilities (objectives, actions, creative risk-taking);
- Singing abilities (breath, phonation, resonance, range, articulation); and
- Dancing/movement abilities (physicality, gesture, alignment).

The cover letter will include:

- How this MacEwan University program is aligned with the applicant's interests and goals.

The resume should include:

- Previous training;
- Previous performing experience; and
- Special skills (e.g. languages, gymnastics, juggling, etc.)

Theatre Production

Applicants are required to submit a brief statement of intent outlining:

- Why they are interested in the program;
- The career that they are seeking through the completion of the program; and
- A description of the last theatre production they attended.

Applicants offered admission to the Theatre Production major are required to submit current, valid standard first aid certification (including Level C CPR) by the published document deadline.

Bachelor of Arts Undeclared

The Bachelor of Arts

Faculty of Arts and Science
MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email

and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉
Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉
Planetary Physics		◉
Statistics		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Overview

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3

Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth

CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options
CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath

HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options

PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and

degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Bachelor of Commerce - Undeclared

The Bachelor of Commerce

School of Business
MacEwan.ca/BCom (http://%E2%80%8BMacEwan.ca/BCom/)

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide

comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major/minor and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of seven majors: Accounting, Human Resources Management, International Business, Legal Studies in Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. Co-operative Education streams are also available. Students may explore their options in completing a second major, one or two minors, or a double major with a non-business minor. The program will prepare students for graduate studies in related fields.

All newly admitted students are admitted as "Undeclared". This means a student has not yet chosen a major which focuses a good portion of their degree on a specific discipline and area of study. Students generally declare their Major and Minors after they have completed a minimum of 45 credits. These declarations are expected from students who have made this decision between September 1 and February 15 (January 15 for competitive Majors and Minors). Information about Majors and Minors is available to students via email and newsletters and further assistance with this decision is available from the academic advisors in their program.

Commerce Disciplines

Discipline	Major	Minor	Honours
Accounting	◉	◉	◉
Human Resources Management	◉	◉	◉
International Business	◉	◉	◉
Legal Studies in Business	◉	◉	-
Management	◉	◉	◉
Marketing	◉	◉	◉
Supply Chain Management	◉	◉	-
Business Intelligence	-	◉	-
Finance	-	◉	-
Innovation & Entrepreneurship	-	◉	-
Property Management	-	◉	-

Out of School Minors

Discipline	Minor
Anthropology	◉
Digital Experience Design	◉
Economics	◉
French	◉
History	◉
Journalism	◉
Political Science	◉
Psychology	◉
Sociology	◉
Spanish	◉
Statistics	◉

Career Potential

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing, or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (Business@macewan.ca)

Bachelor of Commerce Requirements

Program Element	Description	Credits
Core	Business	39
Core	Non-Business	18
Total	**Core Requirement Credits**	**57**
Primary Major	Majors range from 21 to 30 credits with a minimum of 21 credits at the senior level and 12 of those credits at the 300 or 400-level. Majors are comprised of both required courses and a selection of options.	21-30

Non-Business Electives	Students must complete 15-21 credits of Non-Business electives and may use these credits to fulfill the requirements of a minor(s) or second major.	15-21
Open Electives	Students must complete 6-15 credits of Open electives and may use these credits to fulfill the requirements of a minor(s) or second major.	6-15
Business Electives	Students must complete 6 credits of Business electives and can use these credits to fulfill the requirements of a minor(s) or second major.	6
Minor(s) or second major	Students have the option of completing one or two minors, or a second major from the Bachelor of Commerce, provided they can satisfy their requirements for Business, Non-Business and Open Electives with that same coursework. Minors are comprised of 15 credits of senior-level coursework. Students are limited to one minor from outside the School of Business.	15-30
Total	**Required Minimum Core, Major and elective credits for the degree**	**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Core Business Courses

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 450	Strategic Management	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MSYS 200	Introduction to Management Information Systems	3
MGTS 103	Introduction to Business Statistics	3
MGTS 312	Advanced Business Statistics	3
MGTS 352	Operations Management	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3

Core Non-Business Courses

Code	Title	Credits
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
Select 3 credits of university ENGL [1]		3
PROW 210	Advanced Business Writing	3
Select 3 credits from the following:		3
MGTS 113	Introduction to Quantitative Decision-Making	
MATH 114	Elementary Calculus I	
MATH 120	Basic Linear Algebra I	

1 not including ENGL 108 or ENGL 111

Bachelor of Commerce Honours Requirements for Accounting, Human Resources Management, and Management

Bachelor of Commerce Honours students complete their program in 120 credits as do all Bachelor of Commerce students. They fulfill the requirements of the Honours Designation by taking 15 credits of Honours programming for their elective courses.

Code	Title	Credits
BUSN 396	Advanced Quantitative Research Methods for Business	3
BUSN 397	Advanced Qualitative Research Methods for Management	3
BUSN 496	Senior Honours Seminar	3
Choose one of:		**3**
ACCT 499	Honours Thesis - Accounting	
HRMT 499	Honours Thesis - Human Resources Management	
ORGA 499	Honours Thesis - Management	
Choose a Senior 400 level course as determined and approved by the Faculty Advisor		3
Total Credits		**15**

Bachelor of Commerce Honours Requirements for International Business

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 312	Marketing Research & Analytics	3
INTB 499	Honours Thesis - International Business	3
Total Credits		**9**

Bachelor of Commerce Honours Requirements for Marketing

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 499	Honours Thesis - Marketing	3
Total Credits		**6**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

Core and Major Requirements

The Bachelor of Commerce program consists of 120 non-duplicative credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 21-33 credits of specific coursework requirements. Refer to the Program of Study for each major for specific requirements.

Declaration of Major and Minor

Students are required to declare a major upon the completion of 60 credits and by published deadlines. As completion of one major is a graduation requirement, students are strongly encouraged to consult with an academic advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

Students have the option of completing a second major from existing majors in Commerce, or one or two minors, provided they can satisfy their requirements for Business, Non-Business, and Open electives with that non-duplicate coursework. Minors are comprised of 15 senior-level credits and are not a graduation requirement. Only one minor from outside the School of Business is permitted.

Depending on the courses or specializations in which a student chooses to enrol, meeting the requirements of a double major may require the completion of more than 120 credits. Further, students admitted into the Bachelor of Commerce via Block Transfer cannot complete a minor.

Electives and Options

The Bachelor of Commerce has specific requirements for elective and option credits.

The four categories are:

1. Options – a choice of courses from a list specified in the requirements for some majors
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's primary major. Students may use Business Electives to meet minor or second major requirements.
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major. Students may use Non-Business Electives to meet minor requirements inside and outside the School of Business.
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's primary major. Students may use Open Electives to meet minor or second major requirements.

Maximum 100 Level Courses

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies

Subsequent Baccalaureate

This degree does not offer Subsequent Baccalaurate programs of study to graduates of the Bachelor of Commerce degree.

Bachelor of Commerce Co-operative Education Programming

The co-operative education program component is competitive as there are limited co-op placements. Students interested in this program are encouraged to speak with a co-op advisor and visit the website for up-to-date information: MacEwan.ca/Co-op (https://www.macewan.ca/academics/programs/bachelor-of-commerce/academics/co-operative-education/).

Co-operative Education Degree Regulations

All students who apply and are accepted into the Co-operative Education stream will be subject to MacEwan Policy C2065 Co-operative Education and the Bachelor of Commerce Co-operative Education Degree Regulations.

Applying to the Co-Operative Education Stream

Once students are admitted to the Bachelor of Commerce program and meet eligibility criteria for the Co-operative Education Stream they may apply. International students are eligible to apply but are responsible for obtaining any visas or work permits that are required.

Withdrawal from the Co-operative Education Stream

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair or delegate from continuing in the Co-operative Education Stream. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student

engages in behaviour that is contrary to the professional requirements of the work placement.

Additional Core Requirements

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

Code	Title	Credits
COOP 290	Co-op Pre-employment Seminar	0
COOP 295	Co-operative Education: First Work Experience (360 hours)	0
COOP 395	Co-Operative Education: Second Work Experience (360 hours)	0
COOP 495	Co-Operative Education: Third Work Experience (360 hours)	0

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

Work Placements and Timing

Each work placement will consist of a minimum of 360 hours of paid employment in a job that is relevant to the student's program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

Course Load During Full-Time Co-Op Work Terms

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), care of BCom, student services, explaining compelling reasons to enrol while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

Responsibility for Obtaining a Work Placement

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

Grade Point Average (GPA) Requirements

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

Program Learning Objectives

Each graduate of the Bachelor of Commerce program will be able to:

1. KNOWLEDGE OF BUSINESS AND MANAGEMENT

Outcome: Apply knowledge of business and management within and across functional areas of an organization.

2. DECISION MAKING AND SUSTAINABILITY

Outcome: Apply analytical and critical thinking skills, as well as qualitative and quantitative methods, to develop sustainable solutions to address organizational issues.

3. ENTREPRENEURSHIP, INNOVATION, AND CREATIVE THINKING

Outcome: Think creatively, innovatively, and develop an entrepreneurial mindset as well as applied business research to support organizational development.

4. GLOBAL MINDSET AND LOCAL EXPERTISE

Outcome: Integrate local, national, and international perspectives, while demonstrating cultural mindfulness of inclusion, equity, and diversity, notably as it relates to Indigenous cultures including an understanding of Indigenous peoples.

5. PROFESSIONALISM, ETHICS, AND SELF-DEVELOPMENT

Outcome: Demonstrate professionalism, personal integrity, and ethical behavior, while engaging in reflective practices for ongoing professional and personal development.

6. LEADERSHIP AND TEAMWORK

Outcome: Lead and participate effectively in teams in various roles and contexts, through a variety of leadership approaches.

7. COMMUNICATION AND TECHNOLOGY

Outcome: Communicate effectively, respectfully, and meaningfully; and use existing and emerging technologies to enhance the effectiveness and efficiency of business processes.

8. JOB READINESS AND FUTURE READINESS

Outcome: Acquire meaningful hands-on experience and practical know how via various forms of work-integrated learning to be job-ready and future-ready.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

ADDITIONAL ADMISSION CRITERIA

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://macewan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Bachelor of Early Childhood Curriculum Studies

Overview

(with diploma exit)

The Bachelor of Early Childhood Curriculum Studies (BECCS) is designed as a professional degree and is a unique educational credential focused on early learning. The degree provides for advanced learning in curriculum development and early childhood learning and care and focuses on equity, social justice, and advocacy. The degree includes opportunities for interprofessional learning and practicum experiences. It prepares students for advanced practice and pedagogical leadership skills for working with children, families, and interdisciplinary teams. The flexible design allows the opportunity to complete a four-year degree specializing in Curriculum Studies or for a diploma exit in Early Learning and Child Care (with eligibility to apply for Child Development Supervisor Certification from Alberta Children's Services).

A degree focused on early childhood curriculum is timely and important to advance the professionalization of the field. Early childhood educators work with children between the ages of 0 and 12 years in a variety of settings and organizations. The field of early childhood is emerging as a distinct and separate field of academic study – unique from elementary education. Mounting evidence of the significance of children's early experience has led to profound and ongoing policy changes in the provision of early learning and child care at the federal, provincial, and municipal level. Degree-prepared early childhood educators are urgently required to provide pedagogical leadership and to advance the public agenda around early childhood education in Alberta and across Canada.

Contact Information

T: 780-497-5229
E: earlylearning@macewan.ca

PROGRAM OFFICE

Room 7-154, 10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-5157

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
ECCS 101	Healthy Environments for Early Childhood	3
ECCS 102	Languages of Expression: Well-Being	3
ECCS 110	Child Development I: Current and Emerging Theories	3
ECCS 115	Communication within a Practice of Relationships	3
ECCS 120	Field Placement I: Well Being	3
ECCS 125	Integration Seminar I - Well-Being	1
ECCS 155	Curriculum II: Languages of Play	3
ECCS 160	Child Development II: Growth and Development of Young Children	3
ECCS 170	Field Placement II: Play and Playfulness	3
ECCS 175	Integration Seminar II: Play and Playfulness	1
ECCS 180	Family-Centred Practice	3
University-level English (includes WRIT 101)		3
Year 2		
ECCS 201	Languages of Exploration: Curriculum for Communication and Literacies	3
ECCS 202	Expressions of Citizenship: Curriculum for Diversity and Social Responsibility	3
ECCS 220	Field Placement III: Communication and Literacy	3
ECCS 225	Integration Seminar III: Communication and Literacy	1
ECCS 250	Foundations of Early Childhood	3
ECCS 255	Inclusive Environments and Practice in Early Childhood	3
ECCS 260	Family and Community Issues	3
ECCS 265	Supporting Social and Emotional Well-Being within a Practice of Relationships	3
ECCS 270	Field Placement IV: Diversity and Social Responsibility	3
ECCS 275	Integration Seminar IV: Diversity and Social Responsibility	1
INTD 105	Interpersonal Communication	3
INTD 250	Introduction to Indigenous Perspectives	3
Year 3		
ECCS 301	Designing Emerging Curriculum	3
ECCS 302	Landscapes for Learning	3
ECCS 310	Images of Children in Society	3
ECCS 355	Inclusion and Equity in Early Childhood	3
ECCS 360	Families in Global Context	3
ECCS 380	Working in Professional Teams within a Practice of Relationships	3
HSAD 325	Research Practices in Human Service	3
University electives		6
University-level English		3
Year 4		
ECCS 401	Theories of Curriculum in Early Childhood	3
ECCS 402	Leadership through Pedagogical Documentation	3
ECCS 410	Understanding Research in Early Childhood	3
ECCS 415	Pedagogical Leadership	3
ECCS 425	Advanced Practice in Early Learning and Indigenous Families	3
ECCS 440	Professional Practices: Ethics, Caring and Social Activism	3
ECCS 450	Capstone Course in Research and Practice	3
ECCS 455	Senior Internship in Research, Policy, and Practice	3
University electives		6
Total Credits		**124**

Program Regulations

Diploma Exit Option

Students are eligible for a diploma in Early Learning and Child Care after the successful completion of Year 2 of the Bachelor of Early Childhood Curriculum Studies. Students who have obtained the diploma, or are eligible to do so, are not required to exit the degree program. However, any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Regulations Governing Work Integrated Learning Activities

Completion of four Field Placement courses and a Senior Internship is required. Learners must comply with the Work Integrated Learning policy and other applicable policies and regulations of the university and host organization. In accordance with the Work Integrated Learning policy, the university reserves the right to remove a learner, at any point during the field placement course, from the field placement for serious performance issues (i.e., engaging in behaviour that places the client(s) and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases, the Chair in consultation with the Dean, will assign a grade of F in the course. For further information, refer to the Work Integrated Learning policy.

Host organizations may specify additional prerequisite requirements for work integrated learning experiential activities, for example, a current, clear Police Information Check, current Intervention Record Check or currency of immunization. Any costs incurred to meet these requirements are the student's responsibility.

Students acknowledge that, during scheduled course periods, they are expected to attend field placement/Senior Internship eight hours per day with appropriate breaks. Shifts will be scheduled between 7 a.m. and 6 p.m. Students will be notified of their particular hours prior to the start of the placement. Hours of attendance will vary between host organizations.

Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student's responsibility.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's

performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw from the program. For further information, refer to the Academic Standing policy.

Police Information Check

A student must meet the specific Police Information Check (PIC) requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students are responsible for obtaining Police Information Checks annually or at intervals specific to their field placement agency or senior internship placement and for making these available upon request. Students may also be required to obtain an Intervention Record Check for some field placements. Students must be able to satisfy agency requirements prior to the start of each field placement. Any costs incurred are the student's responsibility.

Students whose PIC status changes or who lack other specified additional requirements compromise their ability to complete the program requirements as they may be denied work integrated learning experiences and, therefore, be unable to meet graduation requirements.

First Aid in Child Care

A student must meet the specific First Aid in Child Care requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1

Term 1	Credits	Term 2	Credits
ECCS 101	3	ECCS 155	3
ECCS 102	3	ECCS 160	3
ECCS 110	3	ECCS 170	3
ECCS 115	3	ECCS 175	1
ECCS 120	3	ECCS 180	3
ECCS 125	1	University-level English (includes WRIT 101)	3
	16		**16**

Year 2

Term 1	Credits	Term 2	Credits
ECCS 201	3	ECCS 202	3
ECCS 220	3	ECCS 250	3
ECCS 225	1	ECCS 255	3
ECCS 260	3	ECCS 270	3
ECCS 265	3	ECCS 275	1
INTD 105	3	INTD 250	3
	16		**16**

Year 3

Term 1	Credits	Term 2	Credits
ECCS 301	3	ECCS 302	3
ECCS 310	3	ECCS 355	3
ECCS 360	3	ECCS 380	3
University elective	3	HSAD 325	3
University-level English	3	University elective	3
	15		**15**

Year 4

Term 1	Credits	Term 2	Credits
ECCS 401	3	ECCS 402	3
ECCS 410	3	ECCS 440	3
ECCS 415	3	ECCS 450	3
ECCS 425	3	ECCS 455	3
University elective	3	University elective	3
	15		**15**

Total Credits 124

Admission Requirements
Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. Three subjects from Group A, B, C or D

Applicants with nine or more university level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2

Applicants with nine or more university level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- Early Learning and Child Care Diploma or equivalent

OR

- A minimum of 24 post-secondary level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's full-time calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission are required to submit the following:

- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
- A current, valid child care first aid (standard level) certificate issued by the Canadian Red Cross or St. John Ambulance by the published document deadline.

Bachelor of Science Undeclared
Bachelor of Science

Faculty of Arts and Science
MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as “Undeclared.” Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-
Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉
Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6

Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60
Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

1

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options
ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options

CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth

FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 203	SCIOP 2XX	Options
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options

THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Biological Sciences - Bachelor of Science

Overview

In the Biological Sciences major, students study living organisms with emphasis placed on experiential learning through laboratories, field work, and research. The major is comprised of the Molecular/Cellular and Ecology/Diversity streams. A diversity of courses are available spanning genetics, biochemistry, cell biology, zoology, botany and ecology. Students graduate with a broad foundation of knowledge and skills, and the ability to apply, evaluate and communicate their understanding of the life sciences as scientists, educators, leaders, and engaged citizens.

Contact Information

Department of Biological Sciences
Room 6-118, City Centre Campus
10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-633-3399

Arts and Science Academic Advising
Room 6-211, City Centre Campus
T: 780-497-4505
E: artsandscience@macewan.ca

Bachelor of Science

Faculty of Arts and Science
MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued

in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as “Undeclared.” Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-
Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉
Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6
Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60
Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

1

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options
ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth

CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements

MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 203	SCIOP 2XX	Options
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Biological Sciences Requirements

Biological Sciences Major

Biological Sciences Honours

Biological Sciences Minor

Biological Sciences Major

The Bachelor of Science (BSc) in Biological Sciences program requires students to complete 120 credits of non-duplicative coursework. In addition to the Biological Sciences Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Science major

Students are required to complete option courses as well as the major(s) and minor(s). All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Biological Sciences major is 42 to 60 credits with a minimum of 36 senior-level credits. Students must complete a minimum of 18 biological sciences credits at the 300- or 400-level with a minimum of six credits at the 400-level.

Students major in Biological Sciences have the option of completing the General Biological Sciences Major, the Molecular/Cellular Stream, or the Ecology and Diversity Stream.

The Biology major is a competitive major. Students must complete BIOL 107 and BIOL 108 with no grade lower than C-. Students must also have completed a minimum of one of BIOL 207 or BIOL 208 with no grade lower than C-, and be registered in the remaining course during the winter term when declarations close. A number of seats may be available to students who complete one of BIOL 207 or BIOL 208 and another 200-level biological science (BIOL, BICM, BOTN, or ZOOL) with minimum grades of C-. Students will submit their declaration by January 15. Students who apply will be ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level coursework, without breaking up a term. Applicants with the highest GPA will be admitted to the program first until no seats remain. Students will be notified of the success or denial of their application to the Biological Sciences major no later than February 1.

Note: Students majoring in Biological Sciences are required to complete CHEM 101, CHEM 102, and STAT 151. These courses can be used to fulfil the Breadth Requirements.

Bachelor of Science - Biological Sciences Major

Code	Title	Credits
Specific Major Requirements		
BIOL 107	Introduction to Cell Biology	3
BIOL 108	Introduction to Evolution	3
BIOL 207	Principles of Genetics	3
BIOL 208	Principles of Ecology	3
General Biological Sciences Major Requirements		
Choose 30 to 48 credits from junior- or senior-level biological sciences - BICM, BIOL, BOTN, GENE, or ZOOL. Students can also use SCIE 201 to fulfill the general major requirements.		30-48
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		18-60
Total Credits		**120**

Bachelor of Science - Biological Sciences Major, Molecular and Cellular Stream

Code	Title	Credits
Specific Major Requirements		
BIOL 107	Introduction to Cell Biology	3
BIOL 108	Introduction to Evolution	3
BIOL 207	Principles of Genetics	3
BIOL 208	Principles of Ecology	3
Molecular and Cellular Stream Requirements [1]		
Choose 30 credits from the following:		30
BICM 200	Introductory Biochemistry	
BICM 310	Intermediary Metabolism	
BICM 340	Structure and Function of Biological Molecules	
BICM 450	Biochemistry of Viruses	
BIOL 201	Eukaryotic Cellular Biology I	
BIOL 205	Principles of Molecular Biology	
BIOL 211	Introduction to Microbiology	
BIOL 300	Eukaryotic Cellular Biology II	
BIOL 313	Animal Developmental Biology	
BIOL 315	History of Biology	
BIOL 317	Biotechnology and Society	
BIOL 321	Mechanisms of Evolution	
BIOL 323	Introduction to Population Genetics	
BIOL 337	Biostatistics and Research Design	
BIOL 413	Current Topics in Animal Developmental Biology	
BIOL 421	Techniques in Molecular and Cellular Biology	
BIOL 430	Pathobiology: The Cellular Basis of Disease	
BIOL 492	Field Placement	
BIOL 495	Special Topics	
BIOL 498	Advanced Independent Study	
GENE 369	Genetic Analysis of Bacteria	
GENE 370	Genetic Analysis of Eukaryotes	
GENE 400	Genome Organization	
GENE 404	Investigations into Gene Regulation	
GENE 418	Human Genetics	
ZOOL 241	Animal Physiology I: Homeostasis	
ZOOL 242	Animal Physiology II: Intercellular Communication	
Choose up to 18 credits from junior- or senior-level biological sciences - BICM, BIOL, BOTN, GENE, or ZOOL. Students can also use SCIE 201 to fulfill the general major requirements.		0-18
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

1 Students can use BICM 320 and/or BICM 330 to fulfill the Molecular/Cellular Stream Requirements.

Bachelor of Science - Biological Sciences Major, Ecology and Diversity Stream

Code	Title	Credits
Specific Major Requirements		
BIOL 107	Introduction to Cell Biology	3
BIOL 108	Introduction to Evolution	3
BIOL 207	Principles of Genetics	3
BIOL 208	Principles of Ecology	3
Ecology and Diversity Requirements		
Choose 30 credits from the following:		30
BIOL 310	Freshwater Ecology	
BIOL 312	Terrestrial Ecology	
BIOL 314	Population Ecology	
BIOL 315	History of Biology	
BIOL 316	Community Ecology	
BIOL 321	Mechanisms of Evolution	
BIOL 323	Introduction to Population Genetics	
BIOL 337	Biostatistics and Research Design	
BIOL 361	Marine Biology	
BIOL 365	Tropical Rainforest Ecology	

BIOL 367	Conservation Biology	
BIOL 371	Animal Behaviour	
BIOL 410	Techniques in Field Ecology	
BIOL 414	Invasion Ecology and Management	
BIOL 422	Methods in Experimental Ecology	
BIOL 467	Advanced Conservation Biology	
BIOL 477	Contemporary Issues in Freshwater Ecology	
BIOL 492	Field Placement	
BIOL 495	Special Topics	
BIOL 498	Advanced Independent Study	
BOTN 205	Fundamentals of Plant Biology	
BOTN 405	Plant Behaviour and its Applications	
ZOOL 224	Vertebrate Adaptations and Evolution	
ZOOL 241	Animal Physiology I: Homeostasis	
ZOOL 242	Animal Physiology II: Intercellular Communication	
ZOOL 250	Invertebrate Zoology	
ZOOL 324	Comparative Anatomy of the Vertebrates	
ZOOL 400	Aquatic Vertebrates	
ZOOL 401	Terrestrial Vertebrates	
ZOOL 325	Entomology	
ZOOL 452	Principles of Parasitism	
Choose up to 18 credits from junior- or senior-level biological sciences - BICM, BIOL, BOTN, GENE, or ZOOL. Students can also use SCIE 201 to fulfill the general major requirements.		0-18
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Biological Sciences Honours

The Bachelor of Science (BSc) Biological Sciences Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Biological Sciences Honours program is comprised of 63 to 84 credits. Students choose the Molecular Cellular Honours Stream or the Ecology and Diversity Honours Stream.

Students have the option of completing a minor within the requirements of the Biological Sciences Honours program. Minors are comprised of 18 senior-level credits.

For admittance/acceptance into Biological Sciences Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six biological sciences credits completed at the senior-level
4. A minimum GPA of 3.3 across all junior- and senior-level biological sciences courses (BICM, BIOL, BOTN, GENE, or ZOOL)

Students accepted and enrolled in the Biological Sciences Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all junior- and senior-level biological sciences courses for each 12 consecutive months following acceptance into the Honours program. Failure to maintain a 3.3 Honours GPA will result in the student's program status reverting to a BSc Biolgocial Sciences Major.

All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, minor(s), or options.

Note: Biological Sciences Honours are required to complete BIOL 207, BIOL 208, CHEM 101, CHEM 102, and STAT 151 prior to applying for the Honours program. A minimum grade of B- in BIOL 399 is required to progress in the Honours program.

Bachelor of Science - Biological Sciences, Molecular and Cellular Honours Stream

Code	Title	Credits
Specific Honours Requirements		
BIOL 107	Introduction to Cell Biology	3
BIOL 108	Introduction to Evolution	3
BIOL 207	Principles of Genetics	3
BIOL 208	Principles of Ecology	3
CHEM 261	Organic Chemistry I	3
BICM 200	Introductory Biochemistry	3
BIOL 321	Mechanisms of Evolution	3
BIOL 337	Biostatistics and Research Design	3
BIOL 399	Honours Proposal	3
BIOL 499A	Honours Thesis I	3
BIOL 499B	Honours Thesis II	3
Molecular and Cellular Honours Stream Requirements [1]		
Choose 30 credits from the following with a minimum of 6 credits at the 400-level:		30
BICM 310	Intermediary Metabolism	
BICM 340	Structure and Function of Biological Molecules	
BICM 450	Biochemistry of Viruses	
BIOL 201	Eukaryotic Cellular Biology I	
BIOL 205	Principles of Molecular Biology	
BIOL 211	Introduction to Microbiology	
BIOL 300	Eukaryotic Cellular Biology II	
BIOL 313	Animal Developmental Biology	
BIOL 315	History of Biology	
BIOL 317	Biotechnology and Society	
BIOL 323	Introduction to Population Genetics	
BIOL 413	Current Topics in Animal Developmental Biology	
BIOL 421	Techniques in Molecular and Cellular Biology	
BIOL 430	Pathobiology: The Cellular Basis of Disease	
BIOL 492	Field Placement	
BIOL 495	Special Topics	
GENE 369	Genetic Analysis of Bacteria	
GENE 370	Genetic Analysis of Eukaryotes	
GENE 400	Genome Organization	
GENE 404	Investigations into Gene Regulation	
GENE 418	Human Genetics	
ZOOL 241	Animal Physiology I: Homeostasis	
ZOOL 242	Animal Physiology II: Intercellular Communication	

Choose up to 21 credits from junior- or senior-level biological sciences - BICM, BIOL, BOTN, GENE, or ZOOL. Students can also use SCIE 201 to fulfill the general Honours requirements.	0-21
Option Courses and/or Minor	
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	36-57
Total Credits	**120**

1

Students can use BICM 320 and/or BICM 330 to fulfill the Molecular/Cellular Stream Requirements.

Bachelor of Science - Biological Sciences, Ecology and Diversity Honours Stream

Code	Title	Credits
Specific Honours Requirements		
BIOL 107	Introduction to Cell Biology	3
BIOL 108	Introduction to Evolution	3
BIOL 207	Principles of Genetics	3
BIOL 208	Principles of Ecology	3
CHEM 261	Organic Chemistry I	3
BICM 200	Introductory Biochemistry	3
BIOL 321	Mechanisms of Evolution	3
BIOL 337	Biostatistics and Research Design	3
BIOL 399	Honours Proposal	3
BIOL 499A	Honours Thesis I	3
BIOL 499B	Honours Thesis II	3
Ecology and Diversity Honours Stream Requirements		
Choose 30 credits from the following with a minimum of 6 credits at the 400-level:		30
BIOL 310	Freshwater Ecology	
BIOL 312	Terrestrial Ecology	
BIOL 314	Population Ecology	
BIOL 315	History of Biology	
BIOL 316	Community Ecology	
BIOL 323	Introduction to Population Genetics	
BIOL 361	Marine Biology	
BIOL 365	Tropical Rainforest Ecology	
BIOL 367	Conservation Biology	
BIOL 371	Animal Behaviour	
BIOL 410	Techniques in Field Ecology	
BIOL 414	Invasion Ecology and Management	
BIOL 422	Methods in Experimental Ecology	
BIOL 467	Advanced Conservation Biology	
BIOL 477	Contemporary Issues in Freshwater Ecology	
BIOL 492	Field Placement	
BIOL 495	Special Topics	
BOTN 205	Fundamentals of Plant Biology	
BOTN 405	Plant Behaviour and its Applications	
ZOOL 224	Vertebrate Adaptations and Evolution	
ZOOL 241	Animal Physiology I: Homeostasis	
ZOOL 242	Animal Physiology II: Intercellular Communication	
ZOOL 250	Invertebrate Zoology	
ZOOL 324	Comparative Anatomy of the Vertebrates	
ZOOL 325	Entomology	
ZOOL 400	Aquatic Vertebrates	
ZOOL 401	Terrestrial Vertebrates	
ZOOL 452	Principles of Parasitism	
Choose up to 21 credits from junior- or senior-level biological sciences - BICM, BIOL, BOTN, GENE, or ZOOL. Students can also use SCIE 201 to fulfill the general Honours requirements.		0-21
Option Courses and/or a Minor		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		36-57
Total Credits		**120**

Biological Sciences Minor

The Biological Sciences Minor requires 18 senior-level biological sciences credits (BICM, BIOL, BOTN, GENE, or ZOOL) with a minimum of six credits at the 300- or 400-level.

Note: Junior-level BIOL 107 and BIOL 108 are required. Both BIOL 207 and BIOL 208 may be taken for credit.

Code	Title	Credits
Specific Minor Requirements		
BIOL 207	Principles of Genetics	3
or BIOL 208	Principles of Ecology	
General Minor Requirements		
Choose 15 credits from senior-level biological sciences - BICM, BIOL, BOTN, GENE, and ZOOL		15
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Biological Sciences Major Learning Outcomes

1. Independently acquire and integrate biological knowledge
   - Master an understanding of biological systems in terms of:
     - evolutionary processes and outcomes;
     - the transmission, exchange, and expression of information;
     - connections between structure and function;
     - transformation and manipulation of energy and matter;
     - diversity;
     - relationships between biotic and abiotic elements at a micro and macro level.
   - Incorporate new information into an existing biological knowledge framework.
   - Locate and critically evaluate information, literature, and data.
2. Evaluate biological research
   - Assess the scientific method and its limitations.
   - Distinguish between elements of experimental design including research questions/objectives, hypotheses, methodology, data and results, and conclusions.
   - Appraise the limits of data and results in explaining biological phenomena and how to communicate these limits when formulating conclusions.
   - Describe the peer review process for academic publication.
3. Demonstrate competency in standard lab and/or field techniques
   - Perform basic lab/field skills from both streams and deploy a breadth of skills in their stream of focus.
   - Utilize data management techniques and technological tools.
4. Apply biological knowledge
   - Evaluate knowledge gaps and their relationship to biological problems.
   - Propose and apply methodology to test hypotheses, collect, analyse, and interpret data.
   - Employ disciplinary principles to develop solutions to biological problems.
5. Effectively communicate biological concepts using a variety of media
   - Produce effective written and oral communication employing a scientific vocabulary.
   - Correctly cite and reference sources.
   - Differentiate between the formats in which scientists disseminate knowledge.
   - Appraise audiences and tailor communication accordingly.
6. Engage in professional conduct
   - Work collaboratively and engage in peer review.
   - Recognize ethical challenges and the importance of scientific integrity.

- Describe the role of biologists in society and reflect on their responsibilities and limitations as experts.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2

General Biological Sciences Major

Year 1	Credits
BIOL 107	3
BIOL 108	3
CHEM 101	3
CHEM 102	3
STAT 151	3
ENGL 102	3
Breadth Requirements	12
	30

Year 2	Credits
BIOL 205[1]	3
BIOL 207	3
BIOL 208	3
Choose 3 credits (1 course) from senior-level BICM, BIOL, BOTN, GENE, or ZOOL, or SCIE 201	3
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 3	Credits
Choose 6 credits (2 courses) from senior-level BICM, BIOL, BOTN, GENE, or ZOOL, or SCIE 201	6
Choose 6 credits (2 courses) from senior-level BICM, BIOL, BOTN, GENE, or ZOOL at the 300- or 400-level	6
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 4	Credits
Choose 6 credits (2 courses) from senior-level BICM, BIOL, BOTN, GENE, or ZOOL, or SCIE 201	6
Choose 6 credits (2 courses) from senior-level BICM, BIOL, BOTN, GENE, or ZOOL at the 400-level	6
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

1

BIOL 205 is not a required course but is a prerequisite for many 300- and 400-level Biological Science courses (BIOL 300, BIOL 313, BIOL 421, GENE 369, and GENE 370), and students are encouraged to take it early in their program.

Biological Sciences Major, Molecular Cellular Stream

Year 1	Credits
BIOL 107	3
BIOL 108	3
CHEM 101	3
CHEM 102	3
STAT 151	3
ENGL 102	3
Breadth Requirements	12
	30

Year 2	Credits
BIOL 205[1]	3
BIOL 207	3
BIOL 208	3
Choose 3 credits (1 course) from the following:	3
BICM 200[2]	
BIOL 201	
BIOL 211	
ZOOL 241	
ZOOL 242	
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 3	Credits
Choose 18 credits (6 courses) from the following:	18
BICM 310	
BICM 340	
BIOL 300	
BIOL 313	
BIOL 315	
BIOL 317	
BIOL 321	
BIOL 323	
BIOL 337	
GENE 369	
GENE 370	
Options, Minor(s), or Primary or Secondary Major Requirements	12
	30

Year 4	Credits
Choose 6 credits (2 courses) from the following:	6
BICM 450	
BIOL 413	

BIOL 421	
BIOL 430	
BIOL 492	
BIOL 495	
BIOL 498	
GENE 400	
GENE 404	
GENE 418	
Options, Minor(s), or Primary or Secondary Major Requirements	24
	30

Total Credits 120

1

BIOL 205 is not a required course but is a prerequisite for many 300- and 400-level Biological Science courses (BIOL 300, BIOL 313, BIOL 421, GENE 369, and GENE 370), and students are encouraged to take it early in their program.

2

CHEM 261 is a prerequisite for BICM 200.

Biological Sciences Major, Ecology and Diversity Stream

Year 1	Credits
BIOL 107	3
BIOL 108	3
CHEM 101	3
CHEM 102	3
STAT 151	3
ENGL 102	3
Breadth Requirements	12
	30

Year 2	Credits
BIOL 207	3
BIOL 208	3
Choose 6 credits (2 courses) from the following:	6
BOTN 205	
ZOOL 224	
ZOOL 241	
ZOOL 242	
ZOOL 250	
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 3	Credits
Choose 18 credits (6 courses) from the following:	18
BIOL 310	
BIOL 312	
BIOL 314	
BIOL 315	
BIOL 316	
BIOL 321	
BIOL 323	
BIOL 337	
BIOL 361	
BIOL 365	
BIOL 367	
BIOL 371	
ZOOL 324	
ZOOL 325	
Options, Minor(s), or Primary or Secondary Major Requirements	12
	30

Year 4	Credits
Choose 6 credits (2 courses) from the following:	6
BIOL 410	
BIOL 414	
BIOL 422	
BIOL 467	
BIOL 477	
BIOL 492	
BIOL 495	
BIOL 498	
BOTN 405	
ZOOL 400	
ZOOL 401	
ZOOL 452	
Options, Minor(s), or Primary or Secondary Major Requirements	24
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

BICM 200	Introductory Biochemistry
BICM 340	Structure and Function of Biological Molecules
BIOL 101	Current Issues in Human Biology
BIOL 102	Nutrition and the Body
BIOL 103	Humans and Their Environment
BIOL 107	Introduction to Cell Biology
BIOL 108	Introduction to Evolution
BIOL 201	Eukaryotic Cellular Biology I
BIOL 205	Principles of Molecular Biology
BIOL 207	Principles of Genetics
BIOL 208	Principles of Ecology
BIOL 211	Introduction to Microbiology
BIOL 312	Terrestrial Ecology
BIOL 313	Animal Developmental Biology
BIOL 315	History of Biology

BIOL 321	Mechanisms of Evolution
BIOL 323	Introduction to Population Genetics
BIOL 337	Biostatistics and Research Design
BIOL 367	Conservation Biology
BIOL 371	Animal Behaviour
BIOL 421	Techniques in Molecular and Cellular Biology
BIOL 422	Methods in Experimental Ecology
BIOL 430	Pathobiology: The Cellular Basis of Disease
BIOL 495	Special Topics
BOTN 205	Fundamentals of Plant Biology
GENE 369	Genetic Analysis of Bacteria
GENE 370	Genetic Analysis of Eukaryotes
GENE 404	Investigations into Gene Regulation
ZOOL 224	Vertebrate Adaptations and Evolution
ZOOL 241	Animal Physiology I: Homeostasis
ZOOL 325	Entomology
ZOOL 400	Aquatic Vertebrates

Winter 2025

BICM 200	Introductory Biochemistry
BICM 310	Intermediary Metabolism
BIOL 101	Current Issues in Human Biology
BIOL 102	Nutrition and the Body
BIOL 103	Humans and Their Environment
BIOL 107	Introduction to Cell Biology
BIOL 108	Introduction to Evolution
BIOL 201	Eukaryotic Cellular Biology I
BIOL 205	Principles of Molecular Biology
BIOL 207	Principles of Genetics
BIOL 208	Principles of Ecology
BIOL 211	Introduction to Microbiology
BIOL 300	Eukaryotic Cellular Biology II
BIOL 315	History of Biology
BIOL 316	Community Ecology
BIOL 317	Biotechnology and Society
BIOL 321	Mechanisms of Evolution
BIOL 323	Introduction to Population Genetics
BIOL 337	Biostatistics and Research Design
BIOL 361	Marine Biology
BIOL 399	Honours Proposal
BIOL 413	Current Topics in Animal Developmental Biology
BIOL 467	Advanced Conservation Biology
BIOL 477	Contemporary Issues in Freshwater Ecology
BOTN 405	Plant Behaviour and its Applications
GENE 369	Genetic Analysis of Bacteria
GENE 370	Genetic Analysis of Eukaryotes
GENE 400	Genome Organization
GENE 418	Human Genetics
ZOOL 242	Animal Physiology II: Intercellular Communication
ZOOL 250	Invertebrate Zoology
ZOOL 324	Comparative Anatomy of the Vertebrates
ZOOL 401	Terrestrial Vertebrates

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Biological Sciences Courses

Biochemistry

BICM 200
Introductory Biochemistry
3 Credits Weekly (3-0-0)
Biochemistry is the study of the chemistry of life. This course introduces students to the complexities of the cellular environment and its impact on the chemical reactions that occur in the cell. Structural and functional aspects of proteins and nucleic acids are examined. The course also introduces intermediary metabolism, focusing on carbohydrate metabolism. Emphasis is on the free energy changes that govern metabolic pathways, and their regulation and integration.
Prerequisites: Minimum grades of C- in BIOL 107 and CHEM 261.

BICM 310
Intermediary Metabolism
3 Credits Weekly (3-0-0)
This course explores the principles of intermediary metabolism, the chemical reactions by which organisms store and generate energy required for life. Topics include bioenergetics, as well as molecular mechanisms of regulation and integration of carbohydrate and lipid metabolism. Selected examples are used to illustrate how imbalances in metabolic pathways can lead to disease.
Prerequisites: Minimum grades of C- in BICM 200, CHEM 102, and CHEM 263.

BICM 340
Structure and Function of Biological Molecules
3 Credits Weekly (3-3-0)
Underlying the great diversity of living organisms is the unity of biochemistry - we are all made of the same biological molecules: proteins, lipids, carbohydrates and nucleic acids. In this course students will develop a fundamental understanding of the structural principles of biological molecules and connect it to the wide range of functions that are essential to life. Experimental methods used to study proteins, carbohydrates and nucleic aids will be introduced and applied in the laboratory.
Prerequisites: Minimum grades of C- in BICM 200 and CHEM 263.

BICM 450
Biochemistry of Viruses
3 Credits Weekly (3-0-0)
Viruses are the ultimate parasites. Possessing only the minimal components that they need to reproduce, they use ingenious biochemical trickery to invade a host cell and commandeer its biological functions in order to complete their infectious cycle. While the best-known viruses are agents of disease, they have also enabled the discovery of many biological phenomena and leading to development of medical and technological applications. In this course we will explore the structure and function of viruses, delving into some of the latest advances in our understanding of virus biochemistry.
Prerequisites: A minimum grade of C- in BICM 320, BICM 330, or BICM 340, plus a minimum grade of C- in one additional course from the following list: BICM 310, BICM 320, BICM 330, BIOL 300, BIOL 313, GENE 369, GENE 370.

Biology

BIOL 101
Current Issues in Human Biology
3 Credits Weekly (3-0-0)
This course explores “hot topics” in biology. Topics may include genetics, biotechnology, human diseases, immunology, and vaccines. Students evaluate valid and non-valid sources of information and build the skills to apply this knowledge in everyday life. Note: This course cannot be taken for credit if credit has already been obtained in BIOL 207 or BIOL 208.

BIOL 102
Nutrition and the Body
3 Credits Weekly (3-0-0)
Misinformation about diet is ubiquitous in popular culture. This course teaches the skills to evaluate valid and non-valid sources of nutritional information. The course explores food selection, metabolism, nutrients, and impacts of diet on health. Note: Students who have completed BIOL 207 or BIOL 208 will not be permitted to enrol in BIOL 102 without permission from the department.

BIOL 103
Humans and Their Environment
3 Credits Weekly (3-0-0)
This course provides an overview of global and local environmental issues that have accompanied human population growth. The course will explore examples of where critical actions are required to resolve environmental issues. Case studies compare environmental issues across countries. Note: This course cannot be taken for credit if credit has already been obtained in BIOL 207 or BIOL 208.

BIOL 107
Introduction to Cell Biology
3 Credits Weekly (3-3-0)
Enter the tiny and wonderful world of cells to gain a deeper understanding of how organisms work. Learn how in the smallest unit of life, the structure of each component is optimized to perform its unique function. Explore how cells obtain and use energy to power the processes of life. Examine how genetic information is safely stored, used, and copied by the cell. Delve into the scientific stories that led to the discovery of this knowledge and how it applies to the everyday lives of all organisms. Develop lab skills that will enable you to apply the scientific method to answer biological questions.
Prerequisites: Biology 30 and Chemistry 30.

BIOL 108
Introduction to Evolution
3 Credits Weekly (3-3-0)
From the dawn of life, the planet and its organisms have been shaped by Darwinian evolution. Discover the processes of evolution and how biologists classify taxonomic groups of organisms, apply the scientific method, and observe the living world. Experience the many adaptations of organisms that have led to the amazing biological diversity of life on Earth.
Prerequisites: Biology 30.

BIOL 201
Eukaryotic Cellular Biology I
3 Credits Weekly (3-0-0)
This course studies eukaryotic cellular processes including protein targeting and transport, secretion and endocytosis, and cellular signaling pathways. Common experimental techniques used to study cellular processes are discussed. Students dissect aspects of cellular function by interpreting examples of data from primary literature.
Prerequisites: Minimum grades of C- in BIOL 107 and in any 100-level CHEM *(p. 680).*

BIOL 205
Principles of Molecular Biology
3 Credits Weekly (3-3-0)
This course develops an understanding of molecular mechanisms for the propagation and expression of the genome in both prokaryotic and eukaryotic systems. The application of modern molecular biological techniques to the study of gene structure, function and regulation is emphasized. Basic techniques in molecular biology, data collection, and data analysis are fundamental to the laboratory component.
Prerequisites: A minimum grade of C- in BIOL 107.

BIOL 207
Principles of Genetics
3 Credits Weekly (3-3-0)
This course introduces principles of inheritance and explores the relationship between genotype and phenotype. Topics include the structure and replication of DNA, mutation, simple inheritance, genetic linkage, and gene interactions. Key historical experiments and the scientists responsible for them are discussed. The laboratory provides opportunity to investigate genetic principles using a variety of model organisms.
Prerequisites: A minimum grade of C- in BIOL 107.

BIOL 208
Principles of Ecology
3 Credits Weekly (3-3-0)
Examine interactions between organisms and their environment at the individual, population, community, and ecosystem levels. Discover how ecologists solve biological problems, apply the scientific method, and disseminate knowledge. In the laboratory, collect, analyze, interpret, and communicate ecological data.
Prerequisites: Minimum grades of C- in BIOL 108 and STAT 151.

BIOL 211
Introduction to Microbiology
3 Credits Weekly (3-3-0)
This course introduces the cell structure, physiology, and metabolism of microorganisms. Students investigate how microbes interact with their environment and with humans through examples of economically- and medically-important microbes. The ability to communicate this information to a non-scientific audience is developed through written work. Laboratory projects develop competency in key techniques common to microbiological research and diagnostic labs.
Prerequisites: Minimum grades of C- in BIOL 207 and in any 100-level CHEM *(*p. 680*) course.*

BIOL 300
Eukaryotic Cellular Biology II
3 Credits Weekly (3-3-0)
Students apply cell biology techniques to analyze eukaryotic cell function. A theoretical understanding of these techniques is used to discuss topics including cellular differentiation, the cytoskeleton, cell cycle regulation, tissue formation, and cancer mechanisms. Practical competency in techniques is developed in relevant laboratory projects. Students evaluate their own experimental results as well as data within primary literature and communicate their findings in both written and oral form.
Prerequisites: Minimum grades of C- in BIOL 201 and BIOL 205.

BIOL 310
Freshwater Ecology
3 Credits Weekly (3-3-0)
This course explores a range of freshwater ecosystems including lakes, rivers, groundwater, and a spectrum of wetland types with emphasis on Alberta environments. An examination of the physical and chemical aspects of water and nutrients is conducted. Adaptations and ecological roles of microbes, fungi, plants, and higher organisms are discussed. Critical abiotic and biotic interactions are considered. Laboratory and field activities introduce common techniques for collecting, studying, and measuring organisms and ecological processes in freshwater systems.
Prerequisites: A minimum grade of C- in BIOL 208.

BIOL 312
Terrestrial Ecology
3 Credits Weekly (3-3-0)
This course examines the abiotic and biotic interactions that contribute to the structure and functioning of terrestrial ecosystems and landscapes. Principles of ecosystem and landscape ecology will be discussed. Topics include: soils, energy and nutrient cycling, plant productivity, climate patterns and impacts, and causes and consequences of landscape structure. Discussions will emphasize, but not be limited to, Alberta environments. The laboratory focuses on a range of techniques used in studying and measuring ecological processes in terrestrial systems, and the critical evaluation, analysis and effective communication of ecological information.
Prerequisites: A minimum grade of C- in BIOL 208.

BIOL 313
Animal Developmental Biology
3 Credits Weekly (3-3-0)
Students explore how molecular and cellular mechanisms drive the embryonic development of vertebrate and invertebrate animals. Topics include differential gene regulation, intercellular communication, and morphogenesis related to development. Laboratory activities allow students to observe embryos and manipulate animal developmental processes.
Prerequisites: Minimum grades of C- in BIOL 201 and BIOL 205.

BIOL 314
Population Ecology
3 Credits Weekly (3-3-0)
This course examines the central principles of population ecology and current practical applications in this field. Topics include population structure, dynamics, and modelling, as well as foraging theory, interspecific interactions and applications to species harvesting, control, and conservation. The lab focuses on quantitative techniques used to model population parameters and solve ecological problems.
Prerequisites: Minimum grades of C- in BIOL 208 and in any one of MATH 114, MATH 120, or MATH 125.

BIOL 315
History of Biology
3 Credits Weekly (3-0-1)
This course traces the scientific foundations of biological discovery from the ancient Greeks to the present. The course presents the origins and evolution of modern concepts in biology and introduces students to the people that were largely responsible for these ideas. The course involves a major written component, critical evaluation of biological literature, an oral presentation, and peer work. Students are expected to actively participate in class discussions. Note: This course is intended for students in their 3rd year of study.
Prerequisites: Minimum grades of C- in two 200-level or higher Biological Sciences courses, of which one must be BIOL 207 or BIOL 208.

BIOL 316
Community Ecology
3 Credits Weekly (3-3-0)
Students explore the patterns and processes determining the structure, function and dynamics of ecological communities. Topics include ecological interaction networks, species coexistence, community succession and stability, metacommunities, causes and consequences of biodiversity variation, and applications related to resource management, restoration, conservation, and community-level responses to global environmental change. The laboratory focuses on quantitative techniques commonly used to describe and model community dynamics in space and time.
Prerequisites: Minimum grades of C- in BIOL 208 and in any one of MATH 114, MATH 120, or MATH 125.

BIOL 317
Biotechnology and Society
3 Credits Weekly (3-0-1)
Students examine topical biotechnology applications such as, but not limited to, gene edited and genetically engineered food, de-extinction, biobanking, and prenatal genetic testing. This course emphasizes a scientific understanding of these applications, while considering social, legal, and ethical perspectives that influence their use. Contemporary issues are examined within a historical context. A Canadian perspective will be emphasized within the global context.
Prerequisites: Minimum grades of C- in BIOL 207 and BIOL 208.

BIOL 321
Mechanisms of Evolution
3 Credits Weekly (3-0-0)
This course examines the major principles of biological evolution including micro- and macroevolutionary processes. Students gain a fundamental understanding of phylogeny and systematics, genetic variation at the individual and population level, natural selection, adaptation, coevolution, speciation, and extinction.
Prerequisites: Minimum grades of C- in BIOL 108 and BIOL 207.

BIOL 323
Introduction to Population Genetics
3 Credits Weekly (3-0-0)
Population genetics explores patterns of genetic variation within and between populations, and the evolutionary forces behind this variation. Examine the history of the field of population genetics and apply basic algebra to determine how populations evolve. Utilize population genetics concepts to explore topics such as conservation biology and ancient DNA. Then compare how the mechanisms of evolution, including natural selection, gene flow, and genetic drift apply to populations, and discuss ethical issues related to the interpretation of such data. Develop bioinformatic skills for the analyses of genetic data.
Prerequisites: Minimum grades of C- in BIOL 207 and BIOL 208.

BIOL 337
Biostatistics and Research Design
3 Credits Weekly (3-3-0)
Statistics is a cornerstone of biological research. This course introduces students to the methods used in experimental design, data collection, organization, analysis, and presentation of biological data. Evaluation of different sampling designs and the benefits and limitations of various data types for testing biological hypotheses are discussed. A variety of statistical tests are compared and contrasted. Laboratory activities include developing effective means of data collection and understanding how databases, spreadsheets, and statistical software are used in data analysis, including the presentation of results.
Prerequisites: Minimum grades of C- in STAT 151 and in any 200-level BICM *(*p. 673*),* BIOL *(*p. 674*),* BOTN *(*p. 678*), or* ZOOL *(*p. 862*).*

BIOL 361
Marine Biology
3 Credits Weekly (3-3-0)
Over 70% of our planet is covered by ocean. If you can imagine a life form, it likely exists in the oceans. We now recognize our oceans are no longer a vast inexhaustible resource and play a vital role in the health of the biosphere. This course explores the organisms and their adaptations to habitats from the deep sea to open ocean to intertidal habitats. Students will design research proposals to address knowledge gaps and debate human impacts on the oceans. This course includes an optional field trip to a coastal area.
Prerequisites: A minimum grade of C- in BIOL 208.

BIOL 365
Tropical Rainforest Ecology
3 Credits Total (20-70-0)
This course provides an introduction to the biodiversity and ecology of organisms found in the world's most biologically rich ecosystem, the tropical rainforest. The physical and biotic forces that contribute to this incredible diversity are investigated, and the most serious threats to the conservation of the tropical rainforest ecosystem are explored. The course includes a field trip to the Tiputini Biodiversity Station in the lowland rainforest of eastern Ecuador, a visit to a high-elevation cloud forest in the Andes, and travel to other biological and cultural sites in Ecuador.
Prerequisites: Minimum grade of C- in BIOL 208 and consent of the department.

BIOL 367
Conservation Biology
3 Credits Weekly (3-0-0)
This course introduces the principles of conservation biology with an emphasis on ecological processes operating at population, community, and ecosystem levels.Threats to biological diversity, ranging from species introductions to habitat destruction are explored ranging from the design of protected areas through conservation legislation. Challenges in applying conservation strategies, such as ethical, economic, political, legal, cultural, and societal concerns, are examined.
Prerequisites: A minimum grade of C- in BIOL 208.

BIOL 371
Animal Behaviour
3 Credits Weekly (3-3-0)
This course provides students with an evolutionary and ecological approach to the general question of "how and why animals behave as they do." The primary focus is on the structural and functional processes that shape a variety of behaviours. Students will differentiate between proximate and ultimate explanations of behaviour and create testable hypotheses for each.
Prerequisites: A minimum grade of C- in BIOL 208 or in PSYC 358 and with consent of the department.

BIOL 399
Honours Proposal
3 Credits Total (0-0-60)
In collaboration with a faculty mentor, the student develops a proposal for their Honours research project. In seminar, students evaluate primary literature through discussion of experimental design across a range of biological disciplines. Note: This course is restricted to students enrolled in the Biological Sciences Honours program. Consent of the department is required to enrol.

BIOL 410
Techniques in Field Ecology
3 Credits Weekly (0-6-0)
This course provides students with experience in designing an ecological research project and collecting biological information in a field setting. Students gain skills in a range of field techniques and research design methods commonly used to study various biota in terrestrial, freshwater, and/or wetland ecosystems. Students collect, analyze, and communicate field data using various methods, critically evaluate the field techniques, and design and carry out an independent research project culminating in a final scientific paper. Note: This course may be taken up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in any two of BOTN 305, BIOL 310, BIOL 312, BIOL 314, BIOL 316, BIOL 337, BIOL 365, or BIOL 371, and consent of the department.

BIOL 413
Current Topics in Animal Developmental Biology
3 Credits Weekly (3-0-0)
Students explore primary literature related to mechanisms that determine the growth and development of embryos. Emphasis is placed on regulation of processes that establish the animal body plan. Topics may include evolutionary developmental biology, tissue regeneration, and environmental and/or teratogenic influences on embryo development.
Prerequisites: A minimum grade of C- in BIOL 313.

BIOL 414
Invasion Ecology and Management
3 Credits Weekly (3-0-0)
Biological invasions are increasing in frequency worldwide and are a leading cause of global biological change, with significant impacts on ecosystem function, economic resources, and human health. In this course, students synthesize and communicate their ecological knowledge as they explore the causes, consequences, prevention, and management of biological invasions in aquatic and terrestrial ecosystems. Research approaches in invasion ecology through critical analyses of primary literature will be emphasized; discussion will emphasize local invasive species.
Prerequisites: Minimum grades of C- in any two of BIOL 310, BIOL 312, BIOL 314, BIOL 316, BIOL 323, BIOL 365, BIOL 367, BIOL 371, or BOTN 405.

BIOL 421
Techniques in Molecular and Cellular Biology
3 Credits Weekly (0-6-0)
This is a guided laboratory research project in which students engage in scientific inquiry. The theory and application of techniques in molecular and cellular biology are used to develop and test hypotheses in a collaborative research environment. An emphasis on scientific writing allows students to communicate their analyses of experimental results. Note: Course projects vary and are announced prior to registration. The course may be taken up to two times, provided the course project is different.
Prerequisites: Minimum grades of B- in BIOL 205 and in any two of BICM 310, BICM 320, BICM 330, BIOL 300, BIOL 313, GENE 369, or GENE 370, or consent of the department.

BIOL 422
Methods in Experimental Ecology
3 Credits Weekly (0-6-0)
Through guided field- and/or lab- based research projects, students will engage in independent scientific inquiry. Students deepen their understanding of ecological theory through the application of ecological research methods. Emphasis is placed on the collection, analysis, and presentation of quantitative data. Note: Course projects vary and are announced prior to registration. This course may be taken up to two times, provided the course projects are different.
Prerequisites: Minimum grades of B- in BIOL 208 and BIOL 337, and at least one of BIOL 310, BIOL 312, BIOL 314, BIOL 316, BIOL 365, BIOL 367, or BIOL 371.

BIOL 430
Pathobiology: The Cellular Basis of Disease
3 Credits Weekly (3-0-0)
This course investigates pathological changes to cells and tissues as they manifest in human disease. Selected disease therapies are explored. Students review, analyze, critique, and discuss topics from the primary literature related to the cellular mechanisms that drive disease pathogenesis. Oral presentation, peer review, and group work skills are emphasized. The specific cellular processes examined change based on student interest and recent topics of importance within the field. Note: BICM 320 recommended.
Prerequisites: A minimum grade of C- in BIOL 300.

BIOL 467
Advanced Conservation Biology
3 Credits Weekly (3-0-0)
Effective conservation requires a strong knowledge of general ecology and the biology of target species for biodiversity management. However, conservation is also influenced by ethical values, cultural traditions, political and legal constraints, historical context, and other aspects of how humans relate to and connect with the natural world. This course will explore these different aspects of conservation biology and how they influence decision making. This course will primarily focus on conservation in Canada.
Prerequisites: A minimum grade of C- in BIOL 367.

BIOL 477
Contemporary Issues in Freshwater Ecology
3 Credits Weekly (0-0-3)
This seminar course engages students on contemporary issues surrounding freshwater ecology as related to research, policy and practice, environmental issues, and the effects of these on society. Students will explore critical ecological concepts through reviews of the relevant scientific literature, examination of case studies, in-depth discussions with peers and experts, development of presentations on specific topics, and writing associated review/synthesis papers. Guest speakers and media will round out the curriculum.
Prerequisites: Minimum grades of C- in BIOL 337 and two of BIOL 310, BIOL 312, BIOL 314, or BIOL 316.

BIOL 492
Field Placement
3 Credits Total (0-0-45)
This course provides students with experience in a professional setting where they develop skills and engage in professional conduct. Students will reflect on the roles and responsibilities of biologists in society, as well as on ethical challenges relevant to the placement. Students will communicate regularly with their faculty mentor. Enrolment is dependent on availability of appropriate field placements and a faculty member willing to act as a mentor.
Prerequisites: A minimum grade of C- in at least one 300-level Biological Sciences course; specific prerequisites may be required according to the field placement and with consent of the department.

BIOL 495
Special Topics
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in Biological Sciences. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Biological Sciences for details regarding current offerings. Note: This course is intended for students in the final year of their degree. This course may be taken up to two times.
Prerequisites: Minimum grade of B- in 300-level BIOL *(p. 674) relevant to the special topic.*

BIOL 498
Advanced Independent Study
3 Credits Total (0-0-72)
In this course, students plan, conduct, and communicate the results of an independent research project in Biological Sciences under the direction of a faculty supervisor. Registration is contingent on the student having made prior arrangements with a faculty member willing to supervise the research. Note: This course is intended for students in the final year of their degree. This course may be taken up to two times for credit.
Prerequisites: A minimum grade of B- in at least one 300-level Biological Sciences course; faculty mentors may require specific prerequisites according to the project needs.

BIOL 499A
Honours Thesis I
3 Credits Total (0-0-72)
In this course, students develop research skills by conducting an independent research project in collaboration with a faculty mentor. This work will culminate in an Honours Thesis and public presentation. Students complete BIOL 499A and 499B in consecutive terms.
Prerequisites: A minimum grade of B- in BIOL 399.

BIOL 499B
Honours Thesis II
3 Credits Total (0-0-72)
In this course students develop research skills by conducting an independent research project in collaboration with a faculty mentor. This work will culminate in an Honours Thesis and public presentation. Students complete BIOL 499A and 499B in consecutive terms.
Prerequisites: A minimum grade of B- in BIOL 399.

Botany

BOTN 205
Fundamentals of Plant Biology
3 Credits Weekly (3-3-0)
This course gives a broad introduction to the fascinating field of plant biology. It covers the basics of plant taxonomy as applied to areas such as pharmaceutical sciences and ecological monitoring and management. Further, the course provides an overview of how adaptations to the terrestrial environment shaped the evolution of plants. The link between anatomy, morphology and function of specific organs will be examined in seed plants. We will discuss how the history of botany has shaped our knowledge of plants, and how current research is changing our understanding of plants as complex and responsive organisms. In the laboratory component, the student will gain skills in plant ID, standard herbarium techniques and descriptive analysis of plant morphology as well as in applying the scientific method to answer simple questions in plant biology.
Prerequisites: Minimum grades of C- in BIOL 108 and BIOL 107.

BOTN 405
Plant Behaviour and its Applications
3 Credits Weekly (3-3-0)
Over the past decade, it has become clear that plants are able to sense and respond to environmental cues, interact with other organisms, and make decisions about how to optimize growth, all of which can be described as behavioural responses. This course provides insight into the physiological mechanisms that allow for plant sensory responses and interactions with other organisms. We will explore how this understanding of plant behaviour can be applied in a variety of contexts such as pharmaceutical sciences, bio-remediation, reclamation, and pest- and pathogen-management in agriculture and forestry. The laboratory employs experimental techniques used in studying plant growth responses to answer specific research questions.
Prerequisites: Minimum grades of C- in BOTN 205, and in one of BIOL 312, BIOL 314, BIOL 316, BIOL 321 or BIOL 337.

Genetics

GENE 369
Genetic Analysis of Bacteria
3 Credits Weekly (3-0-1)
This course explores the role of bacteria and bacteriophages in the development of molecular genetics. Major topics include mechanisms of genetic exchange and genome plasticity in bacteria, and the replication processes of bacteriophages. Students propose experimental strategies to solve problems related to these topic areas and analyze data. Seminars develop the ability to critically analyze scientific literature through discussion of current and historical research papers.
Prerequisites: Minimum grades of C- in BIOL 205 and BIOL 207.

GENE 370
Genetic Analysis of Eukaryotes
3 Credits Weekly (3-1-0)
Students explore strategies, involving both genetic approaches and molecular methods, utilized in the dissection of biological processes in eukaryotic model systems. Forward and reverse genetic approaches are evaluated for their contribution to our understanding of the complex relationship between genotype and phenotype. The laboratory provides students the opportunity to develop skills employed in the genetic analysis of eukaryotes.
Prerequisites: Minimum grades of C- in BIOL 205 and BIOL 207.

GENE 400
Genome Organization
3 Credits Weekly (3-3-0)
This course is an introduction to the field of genomics and explores the use of high-throughput approaches to examine the organization and expression of genetic material. Emphasis is placed on techniques employed in genomic analysis and their application to current biological questions.
Prerequisites: Minimum grades of C- in GENE 369 and GENE 370.

GENE 404
Investigations into Gene Regulation
3 Credits Weekly (3-0-1)
Students investigate mechanisms of gene regulation in prokaryotes and eukaryotes through a critical analysis of primary literature. Transcriptional, post-transcriptional, translational, post-translational and epigenetic regulatory mechanisms are explored. Students demonstrate their understanding through oral and written analyses.
Prerequisites: Minimum grades of C- in GENE 369 and GENE 370.

GENE 418
Human Genetics
3 Credits Weekly (3-0-1)
This course examines the principles and methods of genetics as they relate to humans as individuals and in populations. Approaches used in the identification and analysis of Mendelian, complex, and chromosomal disorders are investigated with the contextual emphasis on the relationship between basic science and human disease. The relevance of advances in these areas of human genetics to the diagnosis and treatment of genetic diseases is explored.
Prerequisites: A minimum grade of C- in GENE 370.

Zoology

ZOOL 224
Vertebrate Adaptations and Evolution
3 Credits Weekly (3-3-0)
This course provides a comprehensive introduction to the diversity of vertebrates using an evolutionary approach. Morphological, physiological, and behavioural adaptations related to the life of vertebrates in aquatic and terrestrial habitats are emphasized. Students employ the principles of systematics and taxonomy in the classification of vertebrates.
Prerequisites: A minimum grade of C- in BIOL 108.

ZOOL 241
Animal Physiology I: Homeostasis
3 Credits Weekly (3-0-1)
This course examines physiological systems that regulate the internal conditions of animals. Emphasis is placed on mechanisms that regulate water and ions, respiratory gases, and temperature in relation to the external environment. Physiological systems from both invertebrates and vertebrates are studied.
Prerequisites: A minimum grade of C- in BIOL 107.

ZOOL 242
Animal Physiology II: Intercellular Communication
3 Credits Weekly (3-0-1)
This course examines the physiological systems of animals that involve intercellular communication. Focus is on the endocrine, neural, sensory, motor, and immune systems of invertebrate and vertebrate animals.
Prerequisites: A minimum grade of C- in BIOL 107.

ZOOL 250
Invertebrate Zoology
3 Credits Weekly (3-3-0)
This course explores the evolution and ecological roles of invertebrate animals. The diversity of ecological niches, behaviours, and life histories of invertebrates are related to functional anatomy. In the laboratory, students explore the diversity and functional anatomy of invertebrates using live and preserved specimens. The course includes an optional field trip to a coastal area.
Prerequisites: A minimum grade of C- in BIOL 108.

ZOOL 324
Comparative Anatomy of the Vertebrates
3 Credits Weekly (3-3-0)
This course provides a comparative survey of the anatomy of vertebrates emphasizing evolutionary trends and anatomical adaptations for life in aquatic and terrestrial habitats. Special emphasis is placed on fish and mammals. The laboratory develops advanced dissection skills.

ZOOL 325
Entomology
3 Credits Weekly (3-3-0)
Insects are the most successful animals on Earth. This course examines their evolutionary history and adaptations that have led to their success. Insect behaviour is examined as it relates to morphology, lifecycle, and ecology to explain how insects can be dominant in diverse ecological situations. The economic, medical, scientific and cultural impact of insects is surveyed. The laboratory emphasizes methods of collecting, preserving, and identifying insect groups.
Prerequisites: A minimum grade of C- in ZOOL 250.

ZOOL 400
Aquatic Vertebrates
3 Credits Weekly (3-3-0)
This course examines the evolution and natural history of fish, amphibians, birds, reptiles, and mammals in aquatic environments. Topics include behavioural, morphological, and physiological adaptations. Students summarize, interpret, and present scientific literature. The laboratory focuses on biodiversity, fecundity, locomotion, and molecular systematics with emphasis on native species of Alberta.
Prerequisites: Minimum grades of C- in ZOOL 224 and one of BIOL 310, BIOL 361, BIOL 367, or ZOOL 324.

ZOOL 401
Terrestrial Vertebrates
3 Credits Weekly (3-3-0)
This course examines the evolution and natural history of amphibians, birds, reptiles, and mammals in terrestrial environments. Topics include behavioural, morphological, and physiological adaptations. Students summarize, interpret, and present scientific literature on ecological and environmental issues of terrestrial vertebrates. The laboratory focuses on native species of Alberta.
Prerequisites: Minimum grades of C- in ZOOL 224 and one of BIOL 312, BIOL 367, or ZOOL 324.

ZOOL 452
Principles of Parasitism
3 Credits Weekly (3-3-0)
Using an ecological approach, this course examines the relationships between parasites and their animal hosts. The structural and physiological adaptations used by parasites to successfully complete their life cycles are discussed, as well as host defensive strategies. Examples of human parasitic infections are explored. The laboratory emphasizes parasite morphology, life cycles, behaviour, systematics, and evolution.
Prerequisites: A minimum grade of C- in ZOOL 250.

Chemistry - Bachelor of Science

Overview

The Chemistry Major is a modern and adaptable program. It provides students with the theoretical knowledge and applied laboratory skills necessary to be successful in industry, academia, or professional programs, and culminates with the potential for students to fulfill the requirements to attain the designation of professional chemist (P.Chem.). Students will take introductory coursework in all five major chemistry subdisciplines (analytical, inorganic, physical, organic, and biochemistry), followed by senior-level coursework in a diverse array of modern chemistry fields, including industrial, environmental, geological, green, forensic, materials, and medicinal chemistry. The theoretical knowledge gained from this coursework combined with a robust and practical laboratory program, gives students relevant, hands-on skills

and techniques used in modern academic and industrial settings. The requirement of either independent research or an industrial internship solidifies the practical learning experience for our students.

Contact Information

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Bachelor of Science

Faculty of Arts and Science
MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as “Undeclared.” Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-
Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉
Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards

their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6
Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60
Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

1

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options

ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth

ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 203	SCIOP 2XX	Options

PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Chemistry Requirements

Chemistry Major

Chemistry Minor

Chemistry Major

The Bachelor of Science (BSc) in Chemistry program requires students to complete 120 credits of non-duplicative coursework. In addition to the Chemistry Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Science major

Students are required to complete option courses as well as the major(s) and minor(s). All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Chemistry Major is 48 to 60 credits with a minimum of 39 senior-level CHEM or BICM credits. Students are required to complete a minimum of 12 credits of CHEM or BICM courses at the 300-level, and a minimum of nine credits of CHEM courses at the 400-level. The 400-level CHEM requirement includes CHEM 497 or CHEM 498. Students can use only two independent courses to fulfill the 400-level requirements.

Note: Students majoring in Chemistry are required to complete BIOL 107, MATH 114, MATH 115, STAT 151, and six credits of junior-level Physics from either PHYS 124 and PHYS 126, or PHYS 144 and PHYS 146.

Bachelor of Science - Chemistry Major

Code	Title	Credits
Specific Major Requirements		
CHEM 101	Introductory University Chemistry I	3
CHEM 102	Introductory University Chemistry II	3
CHEM 211	Applied Analytical Chemistry	3
CHEM 232	Inorganic Chemistry	3
CHEM 242	Fundamentals of Physical Chemistry	3
CHEM 261	Organic Chemistry I	3
CHEM 263	Organic Chemistry II	3
Choose 3 credits from the following:		3
CHEM 496	Techniques in Applied Laboratory Chemistry	
CHEM 497	Chemistry Internship Practicum	
CHEM 498	Advanced Independent Study	
BICM 200	Introductory Biochemistry	3
SCIE 201	Scientific Process: From Research Questions to Printed Manuscript	3
General Major Requirements		
Choose 18 to 30 credits from senior-level CHEM or BICM. Students can also use PHSC 200 to fulfill the general major requirements.		18-30
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Chemistry Minor

The Chemistry Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level. A maximum of three credits in PHSC may be used.

Note: CHEM 101 and CHEM 102 are required for this minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level CHEM; a maximum of 3 credits in PHSC may be used		18
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Chemistry Major Learning Outcomes

1. Demonstrate a mastery of the underlying concepts, principles, and applications of the fundamental subdisciplines of chemistry (analytical, biochemistry, inorganic, organic, and physical chemistry).
2. Independently apply analytical, critical thinking, and problem-solving skills to address chemistry-related problems.
3. Demonstrate proficiency in the use of standard laboratory equipment and classical laboratory techniques, and demonstrate knowledge

in the use, theory, and application of modern chemistry laboratory techniques and instrumentation.

4. Design and perform experiments in a range of chemistry fields; independently interpret, critically assess and communicate the results of experiments; synthesize and integrate current research into the design and interpretation of experiments.
5. Perform experiments utilizing chemistry laboratory best practices, including laboratory safety and safe chemical handling, laboratory quality assurance and quality control procedures, and legal and ethical issues in chemistry.
6. Prepare and present the results of experiments in a variety of formats (oral and written), such that the results are meaningful and can be understood by audiences with a broad range of backgrounds.
7. Use modern information resources to gather and evaluate relevant chemical information and chemistry related research.
8. Explain, describe, and assess the role and applications of chemistry in modern society.
9. Effectively integrate and appropriately apply previous learning and knowledge to make and justify decisions in a real-world context outside of the classroom.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2

Year 1	Credits
CHEM 101	3
CHEM 102	3
BIOL 107	3
MATH 114	3
STAT 151	3
PHYS 124	3
PHYS 126	3
ENGL 102	3
Breadth Requirements	6
	30

Year 2	Credits
CHEM 211	3
CHEM 232	3
CHEM 242	3
CHEM 261	3
CHEM 263	3
MATH 115	3
SCIE 201	3
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	9
	30

Year 3	Credits
BICM 200	3
Choose 9 credits (3 courses) from 300-level CHEM	9
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 4	Credits
Choose 3 credits (1 course) from the following:	3
CHEM 496	
CHEM 497	
CHEM 498	
Choose 3 credits (1 course) from 300-level CHEM or BICM	3
Choose 6 credits (2 courses) from 400-level CHEM or BICM	6
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

CHEM 101	Introductory University Chemistry I
CHEM 102	Introductory University Chemistry II
CHEM 211	Applied Analytical Chemistry
CHEM 242	Fundamentals of Physical Chemistry
CHEM 261	Organic Chemistry I
CHEM 263	Organic Chemistry II
CHEM 320	Introduction to Geochemistry
CHEM 333	Organometallic Chemistry
CHEM 353	Forensic Chemistry
CHEM 372	Environmental Chemistry
CHEM 391	Applied Spectroscopy
CHEM 464	Advanced Synthetic Medicinal Chemistry

Winter 2025

CHEM 101	Introductory University Chemistry I
CHEM 102	Introductory University Chemistry II
CHEM 232	Inorganic Chemistry
CHEM 261	Organic Chemistry I
CHEM 263	Organic Chemistry II
CHEM 311	Advanced Chemical Analysis
CHEM 322	Introduction to Biogeochemistry
CHEM 342	Materials Chemistry
CHEM 364	Introduction to Medicinal Chemistry
CHEM 380	Process and Flow Chemistry
CHEM 466	Modern Catalysis
CHEM 472	Advanced Environmental Chemistry

CHEM 496	Techniques in Applied Laboratory Chemistry
CHEM 497	Chemistry Internship Practicum

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Chemistry Courses

CHEM 101
Introductory University Chemistry I
3 Credits Weekly (4-3-0)
This course serves as a foundation for all subsequent chemistry courses. Atomic properties as they relate to the periodic table are considered, along with quantum mechanics for hydrogen-like orbitals and electron configurations. The course provides an introduction to bonding theories as they apply to the stability, molecular geometry and intermolecular interactions of atomic, ionic and molecular species. Topics include chemical nomenclature, stoichiometry, classification of chemical reactivity, gases (both ideal and real) and thermochemistry. Note: Credit may be obtained in only one of CHEM 101 or CHME 103.
Prerequisites: Chemistry 30.

CHEM 102
Introductory University Chemistry II
3 Credits Weekly (4-3-0)
This course emphasizes the importance of chemical equilibrium as it applies to gases, acids and bases, solubility and precipitation reactions and complex ion formation. Also studied are kinetics (rates of reactions, differential and integrated rate laws, the Arrhenius equation), catalysts, thermodynamics (spontaneity, entropy, free energy), and electrochemistry (balancing redox reactions, calculating standard and non-standard cell potentials), with emphasis on some practical applications related to batteries, corrosion and industrial processes. A special topic, selected by the instructor, is covered if time permits. Note: Credit may only be obtained in one of CHEM 102 or CHME 105.
Prerequisites: Minimum grade of C- in CHEM 101.

CHEM 211
Applied Analytical Chemistry
3 Credits Weekly (3-4-0)
This course surveys the principles, methods, and experimental applications of classical analytical chemistry, emphasizing solution phase equilibria, titrimetry, volumetric laboratory skills, and the evaluation of experimental data. This course includes real life examples of organic and inorganic analysis and analytical chemistry literature. Students are introduced to principles, methods, and experimental applications of separation techniques, atomic and molecular spectrometry, potentiometry, and the evaluation of experimental data.
Prerequisites: Minimum grade of C- in CHEM 102 or CHME 105.

CHEM 232
Inorganic Chemistry
3 Credits Weekly (3-3-0)
This course examines the bonding models used for inorganic compounds (main group and transition metal elements). Reactivity patterns of inorganic compounds are considered to gain an understanding of the role of thermodynamics and kinetics in their preparation and reactivity. Physical methods that are used to characterize inorganic compounds are discussed. The relevance and importance of inorganic compounds in the environment, industry and biology are emphasized.
Prerequisites: Minimum grade of C- in CHEM 102.

CHEM 242
Fundamentals of Physical Chemistry
3 Credits Weekly (3-3-0)
This course is about the use of methods to design experiments, analyze measured data, and devise quantitative models in chemistry. These models are applied to explain observations, to optimize experimental conditions, and to predict and control the direction, extent and rate of physicochemical processes. Internal energy, enthalpy, entropy and free energy functions are applied to perform the materials and energy balances of reactions, phase transitions, transport of matter, and coupled processes thereof. Focus is placed on nonequilibrium and steady-state processes. The laws of energy conservation, entropy production, and equilibrium are applied to phenomena occurring inside systems consisting of several components and phases. Fundamentals cover the methods to determine the kinetic parameters and mechanism of chemical reactions.
Prerequisites: A minimum grade of C- in CHEM 102 and MATH 114.

CHEM 261
Organic Chemistry I
3 Credits Weekly (3-3-0)
This course covers the molecular structure and reactivity of organic compounds based on their functional groups. The course provides an introduction to nomenclature, three dimensional structure and physical properties of organic compounds as well as reaction mechanisms and infrared spectroscopy. Although most organic functional groups are discussed, the focus is on the chemistry of alkanes, alkenes, alkynes and alkyl halides. Mechanisms of nucleophilic substitution and elimination reactions of alkyl halides are discussed.
Prerequisites: Minimum grade of C- in either CHEM 102 or CHME 105.

CHEM 263
Organic Chemistry II
3 Credits Weekly (3-3-0)
The nomenclature, structure, physical properties, synthesis and selected reactions of the basic functional groups in organic chemistry are discussed. Functional groups covered include alkenes, alkynes, aromatic compounds, alcohols, phenols, ethers, aldehydes, ketones, amines, carboxylic acids and carboxylic acid derivatives. An emphasis will be placed on understanding the fundamental mechanistic processes behind these chemical transformations. The application of spectroscopic methods for structure determination in simple organic molecules is discussed.
Prerequisites: Minimum grade of C- in CHEM 261.

CHEM 311
Advanced Chemical Analysis
3 Credits Weekly (3-4-0)
This course discusses instrumentation and analytical applications of spectroscopic, chromatographic, and electroanalytical methods. The theory governing each analytical technique and its advantages and disadvantages are discussed. Emphasis is placed on choosing the appropriate method for a particular analysis.
Prerequisites: A minimum grade of C- in one of CHEM 211, CHEM 270, or CHEM 372.

CHEM 320
Introduction to Geochemistry
3 Credits Weekly (3-3-0)
This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and covers topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans. Note: Credit can only be obtained in one of CHEM 320 or EASC 320.
Prerequisites: Minimum grades of C- in a 200-level CHEM *(*p. 680*) course and a 200-level* EASC *(*p. 709*) course.*

CHEM 322
Introduction to Biogeochemistry
3 Credits Weekly (3-3-0)
Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth's system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science. Note: Credit cannot be obtained in both CHEM 322 and EASC 322.
Prerequisites: Minimum grades of C- in a 200-level CHEM *(*p. 680*) course and a 200-level* EASC *(*p. 709*) course.*

CHEM 333
Organometallic Chemistry
3 Credits Weekly (3-3-0)
This course surveys the basic principles of the organometallic chemistry as they apply to metals of the d-block elements and main group metals. Topics include a survey of ligands and coordination chemistry/geometry of transition metals and main group metals. The properties and reactions of organometallic complexes, and applications of organotransition metal compounds in catalysis, organic synthesis, bioinorganic chemistry and medicinal chemistry are reviewed.
Prerequisites: Minimum grades of C- in CHEM 232 and CHEM 263.

CHEM 342
Materials Chemistry
3 Credits Weekly (3-3-0)
This course is about the relationships among processing, structure, properties, performance, applications and sustainability of materials. It covers the materials classed as metal alloys, crystals, glasses, ceramics, plastics and composites. It examines the structural assembling of materials at the macroscopic, microscopic, nanoscopic and atomistic scales of size. The interatomic and intermolecular bonding at play in the assembling of such structures is analyzed. How mechanical, optical, electrical, surface, bonding and catalytic properties arise from the structural assemblage is discussed. Emphasis is placed on the methods of processing chemical substances to manufacture materials with desired structure and properties, as well as on integration of materials in technological devices.
Prerequisites: A minimum grade of C- in CHEM 242, or in CHEM 102 and PHYS 208, or in CHEM 102, MATH 114, and PHYS 224.

CHEM 353
Forensic Chemistry
3 Credits Weekly (3-3-0)
This course examines the theory and practice of forensic chemistry. The course focuses on chemical analytical techniques used for the detection, identification, and comparison of forensic evidence such as illicit drugs, poisons, gunshot residues, fire accelerants, and explosives. The theory of a variety of analytical techniques along with their scope and limitations is embedded in this discussion. The practical application of these techniques is considered with reference to appropriate examples and forensic case studies. This is further reinforced in the laboratory, where students will gain hands-on experience in the use of a range of analytical techniques for the investigation of simulated crime scenarios. The structure and function of forensic chemistry laboratory services and the key issues of cross-contamination and laboratory quality control and quality assurance will be examined.
Prerequisites: A minimum grade of C- in CHEM 261 and either CHEM 211 or CHEM 252.

CHEM 362
Advanced Organic Chemistry
3 Credits Weekly (3-3-0)
This course is designed to build upon the concepts introduced in Chemistry 261 and Chemistry 263, offering a more advanced and sophisticated insight into the physical properties and chemical reactions of organic compounds. A focal point will be the chemistry of carbonyl compounds. Mechanistic understanding of reaction pathways and multistep synthesis of more complex compounds will be emphasized.
Prerequisites: Minimum grade of C- in CHEM 263.

CHEM 364
Introduction to Medicinal Chemistry
3 Credits Weekly (3-0-0)
Students will be introduced to pharmaceutical drug discovery and the pivotal role played by chemistry. The principles and processes involved in modern drug design and development are presented and, throughout, are emphasized by reference to compounds in current clinical usage. Particular emphasis is placed on cancer therapeutics and antiviral agents. Recent advances in the use of computational and combinatorial chemistry in drug design are discussed.
Prerequisites: Minimum grade of C- in CHEM 263.

CHEM 372
Environmental Chemistry
3 Credits Weekly (3-3-0)
The chemistry of natural environmental process and the impact of anthropogenic activity on those processes will be examined. Topics include atmospheric chemistry, including photochemical reactions, ozone depletion and urban air pollution; aquatic chemistry, including complex equilibria, buffering, and oxidation and reduction; and an introduction to sources and fate of organic and inorganic pollutants. In the laboratory, students will gain hands on experience in common methods of environmental testing and remediation. Note: Credit cannot be received for both CHEM 270 and CHEM 372.
Prerequisites: A minimum grade of C- in CHEM 102 and CHEM 261.

CHEM 380
Process and Flow Chemistry
3 Credits Weekly (3-3-0)
This course provides an introduction and training in the different types of chemical and physical methods, and equipment that may be employed in process and flow chemistry. The use and installation of process analytical technology/chemistry is also explored. On-line and in-line monitoring of chemical processes is strongly emphasized, both in the lecture and the laboratory environment.
Prerequisites: A minimum grade of C– in CHEM 211 or CHEM 263.

CHEM 391
Applied Spectroscopy
3 Credits Weekly (3-2-0)
This course focuses on the practical aspects of preparing samples for analysis, collecting and analyzing data, and characterizing organic, inorganic and/or biological compounds. Methods are explored from a theoretical and practical perspective and include infrared spectroscopy, mass spectrometry, and nuclear magnetic resonance. Note: Credit cannot be obtained for both CHEM 291 and CHEM 391.
Prerequisites: A minimum grade of C- in CHEM 263.

CHEM 398
Independent Study
3 Credits Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Any 200-level chemistry course and permission of the department, Faculty mentors may require additional prerequisites according to the project needs.

CHEM 410
Industrial Chemistry
3 Credits Weekly (3-0-0)
An introduction to the principles and practice of industrial chemistry with a special emphasis on modern and emerging chemical technology processes. Selected industrial processes will be discussed, such as the production of primary petrochemicals and their associated secondary products, including polymers, pharmaceuticals, dyes, perfumes, and pesticides. Students will be introduced to the production of such products based on emerging principles of sustainable industrial chemistry. The focus will be on chemical plant design processes, chemo/biocatalysis, biowaste valorization, and pollution control. Principles of green and environmental chemistry and how they impact the United Nations Sustainable Development Goals (UN SDGs) will be emphasized. Students will also learn professional ethics as they relate to chemistry practice. This course includes presentations by guest industrial chemists and tours of chemical plants and industrial laboratories.
Prerequisites: A minimum grade of C- in any 300-level CHEM *(*p. 680*) course.*

CHEM 441
Molecular Modelling
3 Credits Weekly (3-3-0)
This introduction to molecular modelling deals with the application of quantum mechanical methods to compute structural models, molecular and bulk properties of matter, and the mechanisms by which molecules interact and react. Students use up-to-date software to build, render and visualize molecular structures generated with wave function and density functional methods; to compute molecular properties and spectra of substances; to design reaction mechanisms of uncatalyzed and catalyzed reactions, and to compute their associated rate constants. Students devise structural and computational models for acid-base, redox, enzyme and surface reactions relevant to life, environment and technology.
Prerequisites: A minimum grade of C- in CHEM 342.

CHEM 442
Soft Matter Chemistry
3 Credits Weekly (3-3-0)
This course is about the spontaneous formation, preparation, properties, stability, and applications of soft matter. It focuses on the complex and easily deformable structures that emerge in between atomic and macroscopic length scales in solutions of polymers and surfactants, colloids, liquid crystals, granular and soft biological matter. It examines the physical mechanisms of structural assembling and self-organization of molecules to form thin films, micelles, lipid bilayers, vesicles and liposomes under the action of intermolecular and surface forces. Topics include surfaces, charged interfaces, effects of surface tension and curvature on capillarity and wetting, optical, electrokinetic, flow and rheological properties. Emphasis is placed on the applications of soft matter phenomena in petroleum, pharmaceutical, cosmetics and food technologies and products.
Prerequisites: A minimum grade of C- in CHEM 342.

CHEM 464
Advanced Synthetic Medicinal Chemistry
3 Credits Weekly (3-1.5-0)
This advanced medicinal chemistry course examines the application of organic chemistry in the design and synthesis of small-molecule drugs. Students will utilize the principles of the drug discovery process to identify targets for pharmaceutical development and gain an in-depth understanding on how to chemically modify a drug through each stage of the development process. Emphasis will be placed on examining the structure-activity relationship between molecules and their targets, drug delivery, drug modes of action, and the fate of drugs once inside the body.
Prerequisites: A minimum grade of B- in either CHEM 364 or CHEM 362.

CHEM 466
Modern Catalysis
3 Credits Weekly (3-0-0)
This course provides a comprehensive review of current research and practice in the field of modern catalysis. The topics covered include, catalytic design, catalysis and energy, chemical transformations, biocatalysts, and environmental catalysts. The mechanisms by which enzymes operate in living matter and the use of both organic and inorganic catalysts by the chemical industry for the production of bulk chemicals, fine chemicals and fuels will be covered.
Prerequisites: A minimum grade of C- in CHEM 333.

CHEM 472
Advanced Environmental Chemistry
3 Credits Weekly (3-2-0)
This course presents an advanced study of anthropogenic pollutants in the environment. Fate and transport processes of legacy and emerging anthropogenic pollutants, including important physio-chemical processes, such as partitioning, hydrolysis, photolysis and biotransformation, are discussed on both a local and global scale. Understanding of these processes is applied in the context of environmental modeling. In the laboratory, students gain hands on experience with the techniques used to determine the environmental fates of pollutants via investigations of their physio-chemical properties. Credit cannot be received for both CHEM 370 and CHEM 472.
Prerequisites: A minimum grade of C– in CHEM 261 and in either CHEM 270 or CHEM 372.

CHEM 474
Environmental Analytical Chemistry
3 Credits Weekly (3-3-0)
Students will learn the theory and develop practical skills in the quantitative and qualitative analysis of chemicals in the environment. Proper procedures for environmental sampling design will be discussed, followed by a detailed treatment of environmental sampling, extraction, and cleanup techniques. The theory and application of modern analytical techniques will be discussed in the context of environmental monitoring. In the laboratory, students will design and carry out field-based measurements and apply lecture material in a practical setting.
Prerequisites: A minimum grade of B- in CHEM 311, and in one of CHEM 270 or CHEM 372.

CHEM 484
Sustainable and Green Chemistry
3 Credits Weekly (3-0-0)
This course introduces Green Chemistry and examines industrial sources of contaminants and the modification of industrial processes to minimize environmental impact. In addition, the course reviews industrial waste management, control, and treatment. Students will gain an understanding of modern green chemistry which considers both the application and use of the 12 principles of green chemistry and life cycle analysis. In this regard, both the advantages and limitations of the various green chemistry approaches will be examined.
Prerequisites: A minimum grade of C- in any 300-level CHEM *(*p. 680*) course and permission of the department.*

CHEM 495
Special Topics
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics in chemistry. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Physical Sciences for details regarding current offerings. Note: This course is intended for students in the final year of their degree. This course may be taken up to two times for credit.
Prerequisites: A minimum grade of B- in a 300-level CHEM (p. 680*) course and permission of the department.*

CHEM 496
Techniques in Applied Laboratory Chemistry
3 Credits Weekly (0-6-0)
This is a laboratory-based course focusing on techniques utilized in a research or industrial laboratory setting. Students will gain an understanding of the theory and application of modern experimental methods and build practical skills through project-based applications. The specific topics covered will vary with the interests of the faculty member teaching the course, and students should consult with the Department of Physical Sciences for details regarding current offerings. Note: This course may be taken up to two times, provided the topic of the course is different.
Prerequisites: A minimum grade of B- in a 300-level chemistry course and consent of the department.

CHEM 497
Chemistry Internship Practicum
3 Credits Total (45-0-90)
This course provides students with practical experience in a chemistry related work environment. Students engage in work integrated learning through employment or internship at a chemistry-related industry. Students learn in practice the professional aspects (work and ethics) of a chemist. At the end of the placement, students provide a presentation to demonstrate the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement. This course may be taken two times for credit. All placements require departmental approval.
Prerequisites: A minimum grade of C- in 6 credits of any 300 level CHEM *(*p. 680*) courses and consent of the Department.*

CHEM 498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of B- in a 300-level CHEM *(*p. 680*) course, a minimum grade of C- in SCIE 201, and permission of the department; faculty mentors may require additional prerequisites according to the project needs.*

Child and Youth Care - Bachelor of Child and Youth Care

Overview

(with diploma exit)

Faculty of Health and Community Studies
Department of Child and Youth Care
MacEwan.ca/CYC (http://MacEwan.ca/CYC/)

Many children, youth, and their families experience trauma, often through abuse, neglect, or a significant loss. They may also have stressors such as mental health, education, poverty, communication, or family conflict. Child and youth care practitioners work relationally with individuals and families to help them gain new insights, supports, and strategies to navigate the complexities of their lives and an ever-changing world.

The child and youth care program provides students with the theoretical knowledge and practical skills necessary to work effectively with children, youth, and families in a wide range of practice settings. Specialized child and youth care courses and courses in related disciplines prepare students to become well-rounded child and youth care professionals.

In years one and two, foundational courses prepare students to form helping relationships with youth and families in entry-level positions. Years three and four prepare students for advanced practice with children, youth, and families with multiple, complex challenges. Practicum courses in years one, two, and four provide the opportunity to integrate coursework within direct practice settings.

Students may choose the diploma exit option at the end of year two.

The child and youth care program is accredited through the Child and Youth Care Educational Accreditation Board of Canada.

Career Potential

Knowledgeable, caring child and youth care graduates are in demand across Canada. Rewarding careers are available in child and youth, family support, out-of-school care, case work, mental health, addictions, etc., in a wide range of settings. Diploma exit students (after successful completion of year two) are prepared for entry-level, direct-practice positions. Degree graduates (after successful completion of year four) are prepared for positions as advanced child and youth care practitioners and/or for supervisory positions.

Bachelor of Child and Youth Care degree graduates from MacEwan University are eligible to apply to a wide array of graduate degrees,

including child and youth care programs at the University of Victoria, Toronto Metropolitan University, and the University of Strathclyde.

Contact Information

T: 780-497-5229
E: cyc@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 9-414, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-5158

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
CYCW 100	Adolescent Development	3
CYCW 101	Helping Skills	3
CYCW 106	The Child and Youth Care Profession	3
CYCW 107	Child and Youth Care Practice	3
CYCW 109	Introduction to Practicum	3
CYCW 115	Introduction to Family	3
CYCW 124	Therapeutic Activities	3
CYCW 125	Practicum	3
CYCW 128	Diversity and Difference in Child and Youth Care Practice	3
University-level English (includes WRIT 101)		3
Year 2		
CYCW 200	Child/Youth Care Methods I: Current Trends	3
CYCW 201	Supporting Mental Health for Children, Youth, and Families	3
CYCW 204	Group Work	3
CYCW 205	Family Systems and Dynamics	3
CYCW 206	Child/Youth Care Methods II: Therapeutic Interventions	3
CYCW 211	Development Across the Lifespan	3
CYCW 214	Child and Youth Care Practice With Individuals	3
CYCW 215	Practicum	3
CYCW 219	Family Support & Intervention	3
CYCW 225	Practicum	3
Year 3		
CYCW 303	Global Perspectives	3
CYCW 323	Child and Youth Care Research	3
CYCW 325	Quantitative Analysis	3
CYCW 339	Applying Developmental Theory to Practice	3
CYCW 340	Social Justice with Children, Youth, and Families	3
CYCW 350	Law and Social Services	3
CYCW 360	Abuse and Neglect	3
University electives		6
University-level English		3
Year 4		
CYCW 403	Advanced Child and Youth Care Practice: Linking Theory, Self, and Ethics	3
CYCW 411	Practicum	3
CYCW 412	Practicum	3
CYCW 461	Addictions and Recovery	3
CYCW 465	Advanced Child and Youth Care Practice with Community Groups	3
CYCW 466	Advanced Child and Youth Care Practice with Families	3
CYCW 474	Advanced Child and Youth Care Practice with Individuals	3
University electives		9
Total Credits		**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Academic Residency - Exemption

A student entering year three of the Bachelor of Child and Youth Care degree with a diploma from an external institution must complete at least 35 per cent of courses through MacEwan University for degree completion. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 35 per cent.

Elective Requirements

Elective requirements may be 100, 200, 300 or 400 level university courses.

English Requirement

The English course requirement may be a 100, 200, 300 or 400 level baccalaureate course from the Department of English.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite requirements as noted on program courses.

Diploma Exit

Students are eligible for a diploma after the successful completion of Year 2 of the Bachelor of Child and Youth Care. Students who have obtained the diploma, or are eligible to do so, are not required to exit the degree program. However, any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Regulations Governing Practicum/Field Placement Courses

Students must achieve satisfactory performance in all fieldwork courses in accordance with the course criteria and outcomes. Community partners and MacEwan faculty work collaboratively to offer supervision and support of students and each practicum is accompanied by an integration seminar that provides opportunities to connect course learning and field experience. Students complete field placements during years one, two and four of the program. In year one, practicum courses emphasize self-awareness while learning about and integrating the foundations of child and youth care practice. In year two, practicum courses emphasize the importance of working relationally and creatively

with people where they live their lives. Students are encouraged to integrate learning from the classroom, the practice setting and their own experiences. In fourth year, practicum courses are typically tailored to meet the individual student's learning needs and goals as well as emphasize critical and reflective integration of theory and practice, while also enhancing skills around intervention, leadership and advocacy.

Required practicum hours are outlined within student manuals and align with the standards of the Child and Youth Care Educational Accreditation Board of Canada. Across all levels of practicum, hours may include days and evenings. Students arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student's responsibility. MacEwan University child and youth care students can only attend practicum at times and locations authorized by the program and/or the instructor for the course in which the student is currently enrolled.

Students must comply with the Work Integrated Learning policy regarding practicum as well as other applicable policies and regulations of the university and the host agency. Students must have completed all prerequisite courses as well as all program and agency pre-placement requirements prior to the start of any practicum course. In accordance with the Work Integrated Learning policy, the university reserves the right, at any point during the practicum course, to remove a student from the practicum for serious performance issues (i.e., engaging in behaviour that places the client(s) and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases, the Chair, in consultation with the Dean, will assign a grade of F in the course. For further information, refer to the Work Integrated Learning Policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, practicum, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw from the program. For further information, refer to the Academic Standing policy.

Police Information Check

Students must meet the specific Police Information Check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program. Students are responsible for obtaining a PIC at intervals specified by the practicum agencies or the program, and making these available, upon request, to their practicum agency representative. Any costs incurred are the responsibility of the student.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program requirements as they may be denied a required practicum and, therefore, be unable to meet graduation requirements.

Intervention Record Check

Students may also be required to obtain an Intervention Record Check for some practicum courses. Any costs incurred are the responsibility of the student.

First Aid – Standard

Students may require Standard First Aid and CPR requirements for practicum courses. Any costs incurred are the responsibility of the student. Failure to meet the requirements for practicum courses may result in a student being denied an approved practicum and, therefore, be unable to meet graduation requirements.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
CYCW 100	3	CYCW 107	3
CYCW 101	3	CYCW 115	3
CYCW 106	3	CYCW 124	3
CYCW 109	3	CYCW 125	3
University-level English (includes WRIT 101)	3	CYCW 128	3
	15		**15**

Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
CYCW 200	3	CYCW 201	3
CYCW 205	3	CYCW 204	3
CYCW 211	3	CYCW 206	3
CYCW 214	3	CYCW 219	3
CYCW 215	3	CYCW 225	3
	15		**15**

Year 3			
Term 1	**Credits**	**Term 2**	**Credits**
CYCW 323	3	CYCW 303	3
CYCW 339	3	CYCW 325	3
CYCW 350	3	CYCW 340	3
CYCW 360	3	University electives	6
University-level English	3		
	15		**15**

Year 4			
Term 1	**Credits**	**Term 2**	**Credits**
CYCW 403	3	CYCW 412	3
CYCW 411	3	CYCW 461	3
CYCW 474	3	CYCW 465	3
University electives	6	CYCW 466	3
		University elective	3
	15		**15**

Total Credits 120

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits or a complete certificate or diploma will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university-level English with a minimum grade of C-

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits or a complete certificate or diploma will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A Child and Youth Care Diploma

OR

- Other related certificates or diplomas

OR

- A minimum of 24 university-level credits

Note: Priority will be given to graduates from a Child and Youth Care diploma program.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission are required to submit the following:

- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Child and Youth Care at MacEwan University is committed to principles of equity and diversity. The Department supports equitable representation of groups underrepresented in child and youth professions and has reserved up to 10% of admission spaces as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Metis and Inuit people in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Composition Major – Bachelor of Music

Overview

The Composition major focuses on the art and craft of writing and arranging music in a wide range of genres and styles for a variety of ensembles and media. In addition to the core Bachelor of Music courses in performance, theory, aural skills, cultural studies of music, music technology and the business of music, composition courses address trends in 20th-century and contemporary composition, film scoring and

video game music, songwriting and choral music, orchestration, and arranging. Composition majors acquire skills in industry standard music production and notation software, present works in public performance, and are prepared to enter the industry as professional commercial and artistic composers and arrangers.

The Composition major follows this prescribed Program of Study in addition to the common core courses students take in first year. Students will choose music options and non-music electives to complete their degree.

Bachelor of Music - Composition

Faculty of Fine Arts and Communications
MacEwan.ca/MusicDegree (http://MacEwan.ca/MusicDegree/)

The Bachelor of Music focuses on the study of jazz and contemporary popular music, responds to the current demands of the industry and combines a high degree of professionalism along with the academic rigour required for further education at the graduate level. The opportunity to study with internationally renowned professionals while following a challenging academic curriculum will give you the skills, insights, competency and credentials to pursue a career as a performer, creator and leader in the evolving music industry.

Year 1

All Bachelor of Music students share a common curriculum in the first year that focuses on individual study (voice, piano, guitar, bass, drums, winds, brass or violin), performance ensemble, theory (jazz and traditional), aural skills, and musicology).

years 2-4

After successful completion of the first year, students pursue a major route (specialized Program of Study).

Major routes include: Composition, General, Performance, and Recording and Production. Students following the four-year General route also have the opportunity to pursue one of four unique minors: Music Career Management, Music Education, Music Technology and Production, or Songwriting.

Students can obtain a diploma credential after completing their second year.

Career Potential

The Department of Music has been training some of Canada's most talented musicians for over 50 years. The Bachelor of Music prepares students for the music profession and for further studies at the graduate level. Graduates have gone on to successful careers as performers, songwriters, arrangers, composers, electronica creators, sound designers, recording engineers and producers, record distributors, music managers, agents, marketers and promoters, music directors, accompanists, sound technicians, technologists, consultants, educators, researchers and academics. The Department of Music has a world-class faculty that includes highly skilled performers, creators, educators and academics, many of whom hold doctorates and master's degrees in music as well as a variety of regional, national and international awards.

Contact Information

musicdegree@macewan.ca

Degree Requirements

Program Element	Description	Credits
Core Year Requirements	Students complete 30 credits of Music courses and 6 credits of university English (ENGL) courses.	36
Major Requirements	Students complete 38 to 74 credits of required Music courses in their chosen major. The number of required courses varies by major.	38-74
Minor Requirements	Students in the General Major complete 15 to 18 credits in one of the four minors: Music Career Management, Music Education, Music Technology and Production, or Songwriting. Students in the General Major also have the option of having no minor.	15-18
Program Options	Students complete 6 to 36 credits of program options, depending on their chosen major. The number of program options students complete varies by major.	6-36
Electives	Students complete 12 to 18 credits of electives. The number of electives students complete varies by major.	12-18
Total		**128**

Core Year Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose an ENGL course from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	

ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
MUSC 103	Theory I: Introduction to Music Theory	3
MUSC 104	Theory II: Harmony, Voice Leading, and Function	3
MUSC 111	Ear Training I	3
MUSC 112	Ear Training II	3
MUSC 123	Musicology I: Historical Musicology	3
MUSC 124	Musicology II: Popular Music Studies	3
MUSC 131	Principal Instrument I	3
MUSC 132	Principal Instrument II	3
MUSC 141	Master Class I	3
MUSC 142	Master Class II	3
MUSC 188	Performance Ensemble [1]	0
MUSC 189	Performance Ensemble [1]	0
Total Credits		**36**

1

The minimum passing grade for this course is CR.

Major Requirements

Code	Title	Credits
MUSC 201	Theory III: Jazz Harmony and Analysis	3
MUSC 202	Theory IV: Chromatic Harmony, Form and Analysis	3
MUSC 207	Songwriting I	3
MUSC 208	Songwriting II	3
MUSC 211	Composition I	3
MUSC 212	Composition II	3
MUSC 213	Ear Training III	3
MUSC 214	Ear Training IV	3
MUSC 215	Functional Keyboard I	1.5
or MUSC 217	Accompanying I	
MUSC 216	Functional Keyboard II	1.5
or MUSC 218	Accompanying II	
MUSC 221	Applied Instrument I	1.5
MUSC 222	Applied Instrument II	1.5
MUSC 263	Introduction to Music Technology and Production	3
MUSC 294	Performance Ensemble [1]	0
MUSC 295	Performance Ensemble [1]	0
MUSC 313	Arranging I: Introduction to Arranging	3
MUSC 314	Arranging II: Arranging for Large Ensembles	3
MUSC 326	Composition III	3
MUSC 327	Composition IV	3
MUSC 361	Introduction to Music Career Management	3
MUSC 396	Performance Ensemble	1
MUSC 397	Performance Ensemble	1
MUSC 415	Orchestration	3
MUSC 416	Scoring for Film and Other Visual Media	3
MUSC 417	Composition V	1.5
MUSC 418	Composition VI	1.5
MUSC 424	Ethnomusicology	3
MUSC 426	History of Electro-Acoustic Music	3
MUSC 427	Cultural Studies of Music	3
MUSC 474	Graduation Recital and Portfolio (Composition) [1]	0
Program Options		
Students choose 12 credits of options with at least 3 credits from Music Career Management options and 3 credits from Music Technology and Production options.		12
Electives		
Choose 12 credits of electives, with at least 9 credits at the senior level. INTA courses may be used as electives, except INTA 360, which is a program option.		12
Total Credits		**92**

1

The minimum passing grade for this course is CR.

Program Options

Students choose 3 credits from Music Career Management options, 3 credits from Music Technology and Production options, and 6 credits from any of the categories below. Please note that not all options are offered every year and are subject to space availability.

Music Career Management Options

Code	Title	Credits
AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 225	Performing Arts Management	3
AGAD 226	Museum and Gallery Management	3
AGAD 227	Managing in the Music Industry	3
AGAD 300	Internal Practicum in Arts Management	3
AGAD 301	Cultural Policy and Advocacy	3
MUSC 362	The Business of Music	3
MUSC 476	Health Issues and the Professional Musician	3

Music Technology and Production Options

Code	Title	Credits
MUSC 219	Technical Ear Training	3
MUSC 253	Live Sound Reinforcement I	3
MUSC 254	Live Sound Reinforcement II	3
MUSC 364	Applications in Music Technology I	3
MUSC 365	Recording and Production Techniques	3
or		

MUSC 366	Introduction to the Recording Studio	
MUSC 367	Analog and Digital Signal Processing	3
MUSC 368	Psychoacoustics	3
MUSC 465	Applications in Music Technology II	3
MUSC 467	Recording Studio Production	3
MUSC 468	Acoustics	3
MUSC 469	Mastering	3

Music Education Options

Code	Title	Credits
MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3

Other Music Options

Code	Title	Credits
INTA 360	The Arts and Pedagogy	3
MUSC 220	Jazz History in Cultural Context	3
MUSC 301	Special Project I	1
MUSC 302	Special Project II	2
MUSC 303	Special Project III	3
MUSC 380	Directed Project	3
MUSC 482	Independent Study	3
MUSC 498 & MUSC 499	Performance Ensemble and Performance Ensemble	3

Diploma Exit

Students are eligible for a diploma in Composition after the completion of Year 2 of the Bachelor of Music - Composition major Program of Study. For more information about the diploma, please see Degree Regulations.

Year 1 Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
MUSC 103	Theory I: Introduction to Music Theory	3
MUSC 104	Theory II: Harmony, Voice Leading, and Function	3
MUSC 111	Ear Training I	3
MUSC 112	Ear Training II	3
MUSC 123	Musicology I: Historical Musicology	3
MUSC 124	Musicology II: Popular Music Studies	3
MUSC 131	Principal Instrument I	3
MUSC 132	Principal Instrument II	3
MUSC 141	Master Class I	3
MUSC 142	Master Class II	3
MUSC 188	Performance Ensemble [1]	0
MUSC 189	Performance Ensemble [1]	0
Total Credits		**36**

1

The minimum passing grade for this course is CR.

Year 2 Requirements

Code	Title	Credits
MUSC 201	Theory III: Jazz Harmony and Analysis	3
MUSC 207	Songwriting I	3
MUSC 208	Songwriting II	3
MUSC 211	Composition I	3
MUSC 212	Composition II	3
MUSC 213	Ear Training III	3
MUSC 214	Ear Training IV	3
MUSC 215	Functional Keyboard I	1.5
or MUSC 217	Accompanying I	
MUSC 216	Functional Keyboard II	1.5
or MUSC 218	Accompanying II	
MUSC 263	Introduction to Music Technology and Production	3
MUSC 294	Performance Ensemble [1]	0
MUSC 295	Performance Ensemble [1]	0
MUSC 361	Introduction to Music Career Management	3
Electives		
Choose 3 credits from junior- or senior-level electives		3
Total Credits		**33**

1

The minimum passing grade for this course is CR.

Degree Regulations

Declaration of a Major and Minor (Concentration)

Students are required to declare a major and minor concentration, where applicable, within their first year. Major and Minor declarations may be submitted starting September 1. Competitive declarations close on January 15 and non-competitive declarations on February 15. Students are required to consult with the appropriate section head and the department's university advisor in determining their major or minor choice.

Students who declare a major in Composition, Performance, or Recording and Production, should note that these majors are competitive.

Students who declare the General major may choose to declare a minor in Music Career Management, Music Education, Music Technology and Production, or Songwriting. Students should note that the minor in Music Technology and Production is competitive.

Please note, when you declare your major, you must also select the same instrument that you were admitted with.

Graduation Recitals – Performance and Composition Majors

Students in the Performance and Composition majors must undertake juried public graduation recitals in the fourth year of their program.

- The Performance major recital involves a program of works performed on the major (principal) instrument in ensemble and solo settings that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary

popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.
  - Students in the Performance major must also successfully complete an area examination in preparation for their graduation recital.
- The Composition major recital involves a program of original works and arrangements for a variety of instruments (ensemble and solo, instrumental and vocal) that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.

The proposed program of works intended to fulfill the Composition and Performance graduation recital requirements must receive prior approval from the appropriate section head.

Graduation recitals for the Performance and Composition majors are graded as credit/non-credit. For Performance majors, failure to complete this requirement also constitutes a failure in Principal Instrument VIII. For Composition majors, failure to complete this requirement also constitutes a failure in Composition VI.

Performance Ensembles

All students must participate in required Performance Ensembles as noted in the programs of study. The Performance Ensemble requirement for Year 1 core and Year 2 all majors (Fall & Winter terms) are 0 (zero) credit. The Performance Ensemble requirements for Year 3 all majors (Fall & Winter terms) are 1 credit per term, and Year 4 (Performance major or as music option, Fall & Winter terms) are 1.5 credits per term.

For all majors, students may choose to participate in a maximum of two performance ensembles per term but will only be enrolled in and earn credit for one ensemble per term. The second Performance Ensemble will be 0 (zero) credit in any term. To avoid jeopardy, students may be advised to withdraw from a second Performance Ensemble if the directors detect that the students are overburdened and cannot cope with the additional responsibility.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

Elective Requirements

Elective requirements in each of Years 2, 3, and 4 of the program must be non-Music, baccalaureate level coursework, with a minimum of 9 credits earned at the senior level for all majors (Composition, General, Performance, and Recording and Production). Students may consult with the department's academic advisor for guidance. Program courses cannot be used to fulfill elective requirements.

Program Option Requirements

All Bachelor of Music students must successfully complete one additional Music Technology and Production course beyond the introductory course *and* one additional Music Career Management course beyond the introductory course as part of their core requirements.

Students must select from a list of program options to fulfill the requirements in their declared major or minor. Specified program option courses may also be required courses in one or more of the program's majors or minors, therefore, registration priority will be given to students who must take these courses as part of their specific Program of Study. Students may consult with the department's academic advisor for guidance and availability of program option courses prior to registration.

Arts and Cultural Management (AGAD) Courses

Students following the General route with a minor in Music Career Management, as well as students seeking to use approved Arts and Cultural Management courses as Music options must take MUSC 361 before entering Arts and Cultural Management (AGAD) courses.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Music program requirements. Any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Diploma Requirements

Students are eligible for a diploma after the completion of Year 2 of the Bachelor of Music degree Program of Study, any route. Students who have obtained the diploma, or are otherwise eligible to do so, may continue with the degree. Obtaining the diploma does not require a student to exit the degree program; however, any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Expected Course Offerings

The following courses are only offered every second year:

MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3
MUSC 476	Health Issues and the Professional Musician	3

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75 % in ELA 30-2
2. Four subjects from Group A, B, C, or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

  OR
- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

  OR
- A University Music Diploma Program or equivalent

Probationary Admission

To be evaluated through the Program

This admission category will only be used if the program is not filled by Regular, Mature or Previous Post-Secondary applicants.

A limited number of probationary admissions may be granted to applicants with an Admission Grade Point Average (AGPA) less than 2.0 on a 4.0 scale. These applicants will be placed on probation.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://www.macewan.ca/academics/programs/english-as-an-additional-language/).

2. Other Admission Criteria

To be evaluated through the Program Office

Applicable to All Admission Categories

All applicants must audition.

Limited space is available, and not all applicants who are eligible may be admitted. When admission becomes competitive, performance in the audition is the primary criterion for admission. Applicants must also be aware that admission for any category is limited based on the availability of spaces for the principal instrument.

Computer Science - Bachelor of Science

Overview

Whether you're interested in programming, networking or harnessing the power of big data, computer science is about connecting people and technology to solve real-world problems. You'll learn from faculty with diverse interests – from artificial intelligence and virtual reality to cyber security and machine learning – in small classes and labs.

During your studies you'll have opportunities to apply your knowledge in projects that have you working with community partners, not-for-profit organizations and other university faculties in ways that build your professional network and leave you engaged, confident and job-ready.

Choose to pursue a general computer science major that is flexible and allows you to create a focus that reflects your interests, or focus on one of three streams: database and interactive visualization, system and information security, or video gaming.

Contact Information

Department of Computer Science
Room 5-173, City Centre Campus
10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4484

Arts and Science Academic Advising
Room 6-211, City Centre Campus
T: 780-497-4505
E: artsandscience@macewan.ca

Bachelor of Science

Faculty of Arts and Science
MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between

instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as “Undeclared.” Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-
Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉
Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6
Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60
Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

1

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options
ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth

CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options

INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 203	SCIOP 2XX	Options
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options

SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Computer Science Requirements

Computer Science Major

Computer Science Minor

Computer Science Major

The Bachelor of Science (BSc) in Computer Science program requires students to complete 120 credits of non-duplicative coursework. In addition to the Computer Sciences Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Science major

Students are required to complete option courses as well as the major(s) and minor(s). All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Computer Science major is 42 to 60 credits with a minimum of 36 senior-level credits. Students majoring in Computer Science have the option of completing the General Computer Science Major, the Database and Interactive Visualization Stream, the System and Information Security Stream, or the Video Gaming Stream.

To declare the Computer Science Major, students need to have successfully completed MATH 114 and have completed or be currently enrolled in CMPT 200. The deadline to declare is January 15 and students will be notified by February 1.

Notes:

- Students majoring in Computer Science are required to take MATH 114, one of MATH 120 or MATH 125, and STAT 151.
- Students can complete a maximum of 9 credits of independent work from CMPT 398, CMPT 496, CMPT 497, and CMPT 498 to fulfill senior-level requirements of the Computer Science Major.
- Students can complete a maximum of 6 credits from CMPT 496 or CMPT 497.
- While not explicitly required, CMPT 101 is the prerequisite for CMPT 103. Students must complete CMPT 101 , or its equivalent, prior to enrolling in CMPT 103. CMPT 101 can be used to fulfill a general major requirement.
- Students can use DESN 240 or DESN 242 in place of CMPT 250 in the Computer Science Major.

Bachelor of Science - Computer Science Major

Code	Title	Credits
Specific Major Requirements		
CMPT 103	Introduction to Computing II	3
CMPT 200	Data Structures and Algorithms	3
CMPT 201	Practical Programming Methodology	3
CMPT 395	Introduction to Software Engineering	3
CMPT 496	Final Project	3
or CMPT 497	Computer Science Internship	
Choose 6 credits from the following:		6
CMPT 204	Algorithms I	
CMPT 229	Computer Organization and Architecture	
CMPT 250	Introduction to Human Computer Interaction	
CMPT 280	Introduction to Computer Security	
CMPT 291	Introduction to File and Database Management	
Choose 6 credits from the following:		6
CMPT 305	Introduction to Object-Oriented Programming	
CMPT 306	Non-Procedural Programming Languages	
CMPT 315	Web Application Development	
CMPT 330	Introduction to Real Time Gaming	
CMPT 355	Introduction to Artificial Intelligence	
CMPT 360	Introduction to Operating Systems	
CMPT 361	Introduction to Networks	
CMPT 370	Introduction to Computer Graphics	
CMPT 380	Computer Systems Security	
CMPT 391	Database Management Systems	
General Major Requirements		
Choose 15 to 33 credits from junior- or senior-level CMPT.		15-33

Secondary Major or Minor(s)	
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	0-60
Total Credits	**120**

Bachelor of Science - Computer Science Major, Databases and Interactive Visualization Stream

Code	Title	Credits
CMPT 103	Introduction to Computing II	3
CMPT 200	Data Structures and Algorithms	3
CMPT 201	Practical Programming Methodology	3
CMPT 250	Introduction to Human Computer Interaction	3
CMPT 272	Formal Systems and Logic in Computing Science	3
CMPT 291	Introduction to File and Database Management	3
CMPT 395	Introduction to Software Engineering	3
CMPT 496	Final Project	3
or CMPT 497	Computer Science Internship	
Choose 12 credits from the following:		12
CMPT 315	Web Application Development	
CMPT 351	Introduction to Data Visualization	
CMPT 391	Database Management Systems	
CMPT 450	Information Visualization	
CMPT 491	Datamining and Advanced Database Topics	
Choose 6 to 24 credits from junior- and senior-level CMPT.		6-24
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Bachelor of Science - Computer Science Major, System and Information Security Stream

Code	Title	Credits
CMPT 103	Introduction to Computing II	3
CMPT 200	Data Structures and Algorithms	3
CMPT 201	Practical Programming Methodology	3
CMPT 229	Computer Organization and Architecture	3
CMPT 280	Introduction to Computer Security	3
CMPT 360	Introduction to Operating Systems	3
CMPT 361	Introduction to Networks	3
CMPT 380	Computer Systems Security	3
CMPT 395	Introduction to Software Engineering	3
CMPT 464	Wireless Networks and Embedded Systems	3
CMPT 480	Computer Network Security	3
CMPT 496	Final Project	3
or CMPT 497	Computer Science Internship	
Choose 6 to 24 credits from junior- and senior-level CMPT		6-24
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Bachelor of Science - Computer Science Major, Gaming Stream

Code	Title	Credits
CMPT 103	Introduction to Computing II	3
CMPT 200	Data Structures and Algorithms	3
CMPT 201	Practical Programming Methodology	3
CMPT 230	Introduction to Computer Games	3
CMPT 291	Introduction to File and Database Management	3
CMPT 330	Introduction to Real Time Gaming	3
CMPT 370	Introduction to Computer Graphics	3
CMPT 395	Introduction to Software Engineering	3
CMPT 496	Final Project	3
or CMPT 497	Computer Science Internship	
CRWR 195	Introduction to Creative Writing	3
or CRWR 295	The Craft of Writing	
Choose 3 credits from the following:		3
CMPT 250	Introduction to Human Computer Interaction	
CMPT 280	Introduction to Computer Security	
CMPT 355	Introduction to Artificial Intelligence	
Choose 9 to 27 credits from junior- and senior-level CMPT		9-27
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Computer Science Minor

The Computer Science Minor requires 18 senior-level CMPT credits with a minimum of six credits at the 300- or 400-level, excluding CMPT 310 and CMPT 311.

Notes:

- Students can use DESN 240 or DESN 242 in place of CMPT 250 in the Computer Science Minor.

Code	Title	Credits
Specific Minor Requirements		
CMPT 200	Data Structures and Algorithms	3
Choose 3 credits from the following:		3
CMPT 201	Practical Programming Methodology	
CMPT 204	Algorithms I	
CMPT 229	Computer Organization and Architecture	
CMPT 291	Introduction to File and Database Management	
General Minor Requirements		

Choose 12 credits from senior-level CMPT	12
Total Credits	**18**

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Computer Science Major Learning Outcomes

Graduates of MacEwan University's Computer Science program will be able to:

1) Utilize programming skills with different technologies

a. Modularize a solution into implementable components
b. Write programs in three or more industry-relevant languages
c. Write a program that implements a specified algorithm
d. Find and resolve problems/errors in code (debugging)
e. Write tests to verify that a solution meets specification (testing)
f. Apply language-specific standards when programming

2) Judge the quality of a technical solution

a. Evaluate that solutions meet current and future requirements
b. Evaluate and select technologies that best fit the solutions

c. Appraise functional and non-functional (business, legal, ethical, performance, security) requirements
d. Examine the quality of technical solutions from Human-Computer Interaction (design and usability) and Software Engineering (maintainability and sustainability) perspectives.

3) Justify their choice of data structure(s), programming paradigm(s), and algorithm(s) when solving problems

a. Adopt existing data structures to solve problems
b. Evaluate algorithms and data structure in terms of memory, efficiency, and speed
c. Compare and contrast various implementation approaches (languages, OS, platforms, etc.)

4) Create a computational method or algorithm that achieves specified outcomes

a. Identify the algorithm category of a problem
b. Identify subtasks within an algorithm
c. Design tests that verify the algorithm meets specified outcomes
d. Evaluate the complexity of an algorithm

5) Communicate technical information using a variety of media to a standard of excellence consistent with established best practices

a. Write accurate and thorough documentation for a technical solution according to standards
b. Convey the appropriate representation (written, graph, diagram, table, video, animation, etc.) to convey information
c. Read and summarize technical information
d. Express concepts at different levels of knowledge for a variety of audiences (business, technical, public)

Student Plan

- The student plan provides a suggest course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- The student plans list CMPT 101 as a requirement of the Computer Science program. Students who have CMPT 101 or its equivalent can take an additional 3 credits (1 course) of senior-level CMPT in year 3 or 4
- Students can complete a maximum of 9 credits (3 courses) of independent work from CMPT 398, CMPT 496, and CMPT 498 to fulfill senior-level requirements of the Computer Science major

Computer Science Major

Year 1	Credits
CMPT 101	3
CMPT 103	3
MATH 114	3
MATH 120	3
ENGL 102	3
Breadth Requirements	15
	30

Year 2	Credits
CMPT 200	3
CMPT 201	3
Choose 6 credits (2 courses) from the following:	6
CMPT 204	
CMPT 229	
CMPT 250	
CMPT 280	
CMPT 291	
STAT 151	3
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 3	Credits
CMPT 395	3
Choose 6 credits (2 courses) from the following:	6
CMPT 305	
CMPT 306	
CMPT 315	
CMPT 330	
CMPT 355	
CMPT 360	
CMPT 361	
CMPT 370	
CMPT 380	
CMPT 391	
Choose 3 credits (1 course) from senior-level CMPT	3
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 4	Credits
Choose 3 credits (1 course) from the following:	3
CMPT 496	
CMPT 497	
Choose 9 credits (3 courses) from senior-level CMPT	9
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

Computer Science Major, Databases and Interactive Visualization Stream

Year 1	Credits
CMPT 101	3
CMPT 103	3
MATH 114	3
MATH 120	3
ENGL 102	3

Breadth Requirements	15
	30

Year 2	Credits
CMPT 200	3
CMPT 201	3
CMPT 250	3
CMPT 272	3
CMPT 291	3
STAT 151	3
Options, Minor(s), or Primary or Secondary Major Requirements	12
	30

Year 3	Credits
CMPT 315	3
CMPT 351	3
CMPT 391	3
CMPT 395	3
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 4	Credits
Choose 3 credits (1 course) from the following:	3
CMPT 496	
CMPT 497	
Choose 3 credits (1 course) from the following:	3
CMPT 450	
CMPT 491	
Choose 3 credits (1 course) from senior-level CMPT	3
Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Total Credits 120

Computer Science Major, System and Information Security Stream

Year 1	Credits
CMPT 101	3
CMPT 103	3
MATH 114	3
MATH 120	3
ENGL 102	3
Breadth Requirements	15
	30

Year 2	Credits
CMPT 200	3
CMPT 201	3
CMPT 229	3
CMPT 280	3
STAT 151	3
Options, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 3	Credits
CMPT 360	3
CMPT 361	3
CMPT 380	3
CMPT 395	3
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 4	Credits
CMPT 464	3
CMPT 480	3
Choose 3 credits (1 course) from the following:	3
CMPT 496	
CMPT 497	
Choose 3 credits (1 course) from senior-level CMPT	3
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

Computer Science Gaming Stream

Year 1	Credits
CMPT 101	3
CMPT 103	3
MATH 114	3
MATH 120	3
ENGL 102	3
Breadth Requirements	15
	30

Year 2	Credits
CMPT 200	3
CMPT 201	3
CMPT 230	3
CMPT 291	3
Choose 3 credits (1 course) from the following:	3
CRWR 195	
CRWR 295	
STAT 151	3
Options, Minor(s), or Primary or Secondary Major Requirements	12
	30

Year 3	Credits
CMPT 330	3
CMPT 370	3
CMPT 395	3
Choose 3 credits (1 course) from the following:	3

CMPT 250		
CMPT 280		
CMPT 355		
Options, Minor(s), or Primary or Secondary Major Requirements		18
		30
Year 4	**Credits**	
Choose 3 credits (1 course) from the following:		3
CMPT 496		
CMPT 497		
Choose 6 credits (2 courses) from senior-level CMPT		6
Options, Minor(s), or Primary or Secondary Major Requirements		21
		30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

CMPT 101	Introduction to Computing I
CMPT 103	Introduction to Computing II
CMPT 200	Data Structures and Algorithms
CMPT 201	Practical Programming Methodology
CMPT 220	Unix, Scripting, and Other Tools
CMPT 230	Introduction to Computer Games
CMPT 250	Introduction to Human Computer Interaction
CMPT 272	Formal Systems and Logic in Computing Science
CMPT 291	Introduction to File and Database Management
CMPT 305	Introduction to Object-Oriented Programming
CMPT 310	Computers and Society
CMPT 340	Introduction to Numerical Methods
CMPT 360	Introduction to Operating Systems
CMPT 361	Introduction to Networks
CMPT 370	Introduction to Computer Graphics
CMPT 381	Cryptology from Classical to Post-Quantum
CMPT 395	Introduction to Software Engineering
CMPT 399	Topics in Computer Science
CMPT 430	3D Game Development and Artificial Intelligence
CMPT 480	Computer Network Security
CMPT 491	Datamining and Advanced Database Topics

Winter 2025

CMPT 101	Introduction to Computing I
CMPT 103	Introduction to Computing II
CMPT 200	Data Structures and Algorithms
CMPT 201	Practical Programming Methodology
CMPT 204	Algorithms I
CMPT 229	Computer Organization and Architecture
CMPT 250	Introduction to Human Computer Interaction
CMPT 272	Formal Systems and Logic in Computing Science
CMPT 280	Introduction to Computer Security
CMPT 312	Introduction to Robotics: Programming and Control
CMPT 315	Web Application Development
CMPT 330	Introduction to Real Time Gaming
CMPT 351	Introduction to Data Visualization
CMPT 355	Introduction to Artificial Intelligence
CMPT 360	Introduction to Operating Systems
CMPT 361	Introduction to Networks
CMPT 380	Computer Systems Security
CMPT 391	Database Management Systems
CMPT 395	Introduction to Software Engineering
CMPT 399	Topics in Computer Science
CMPT 455	Introduction to Machine Learning
CMPT 464	Wireless Networks and Embedded Systems

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Computer Science Courses

CMPT 101
Introduction to Computing I
3 Credits Weekly (3-3-0)
This course provides a breadth-first introductory treatment of concepts in computing science for students with little or no programming background. Topics include data representation and machine architecture; algorithms and their properties; the control constructs of sequence, selection, and repetition; functions; and the notions of data type and operations on data types in low-level and high-level programming languages. Students do introductory programming for a portion of the course. Note: Students with no previous computing experience should enrol in CMPT 101 instead of CMPT 103. Credit cannot be obtained for CMPT 101 if credit has already been granted for CMPT 103.

CMPT 103
Introduction to Computing II
3 Credits Weekly (3-3-0)
This course continues the overview of computing science concepts that was started in CMPT 101. Topics include representation of compound data using abstraction, programming languages, and modularity; algorithms that use these data structures; and networks with the TCP/IP model and client/server architecture. Students continue with the syntax of a high-level programming language: functions, arrays, and user-defined data types.
Prerequisites: A minimum grade of C- in CMPT 101 or ENCP 100 or three credits of intermediate CSE including CSE 2120.

CMPT 104
Fluency with Information Technology
3 Credits Weekly (3-0-0)
This course introduces fundamental computational concepts. While some specific productivity software is covered, this is not a computer literacy course. The emphasis is on the concepts that underlie today's information infrastructure. Topics include abstraction, data representation and analysis, algorithms and algorithmic thinking, the Internet, and security.

CMPT 200
Data Structures and Algorithms
3 Credits Weekly (3-3-0)
This course continues the study of dynamic data structures (e.g., lists, stacks, queues, trees, and dictionaries) and associated algorithms (e.g., traversal, sorting, searching, element addition and removal). Recursion is covered, and some of the basic ideas of object-oriented programming, such as classes and objects, are introduced.
Prerequisites: Minimum grade of C- in CMPT 103.

CMPT 201
Practical Programming Methodology
3 Credits Weekly (3-3-0)
This course provides an introduction to the principles, methods, tools, and practices of the professional programmer. The lectures focus on best practices in software development and the fundamental principles of software engineering. The laboratories offer an intensive apprenticeship to the aspiring software developer. Students use C and the software development tools of the UNIX environment.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 204
Algorithms I
3 Credits Weekly (3-0-1)
This is a first course on algorithm design and analysis with an emphasis on fundamentals of searching, sorting and graph algorithms. Examples of methodologies considered include divide and conquer, dynamic programming, and greedy methods, together with analysis techniques to estimate program efficiency.
Prerequisites: Minimum grade of C- in CMPT 200 and CMPT 272 or MATH 200 and MATH 113 or MATH 114 (Note: CMPT 272 is preferred to MATH 200).

CMPT 220
Unix, Scripting, and Other Tools
3 Credits Weekly (3-2-0)
The student is introduced to a Unix-like operating system along with some of its important design features, such as processes, pipes, and the I/O model. Some of the basic tools and methodologies are discussed, including shell scripts, editors, and standard utilities. Various open source tools are surveyed.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 229
Computer Organization and Architecture
3 Credits Weekly (3-3-0)
This course provides a general introduction to number representation, the architecture and organization concepts of von Neumann machines, assembly level programming, exception handling, peripheral programming, floating point computations, and memory management.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 230
Introduction to Computer Games
3 Credits Weekly (3-0-0)
This course is an introduction to various aspects of computer game design and marketing. It focuses on the history of computer games, computer game markets, evaluation of computer games, creation and testing of interactive narratives, and game interface design. The course includes a final capstone design for an interactive (narrative) game. Note: This course has a significant writing component; students are advised to take ENGL 102 (or equivalent) prior to taking this course.
Prerequisites: Minimum grade of C- in any CMPT *(*p. 688*) or* ENGL *(*p. 725*) course or in either PSYC 104 or PSYC 105.*

CMPT 250
Introduction to Human Computer Interaction
3 Credits Weekly (3-2-0)
This course introduces students to the basic components of the interaction design process. Effective user interaction design emphasizes the importance of good interfaces and the relationship of user interface design to human-computer interaction (HCI). The concept of interaction is introduced with a focus on the centrality of the user in HCI. Other topics include interface and interaction types, data gathering and analysis to understand and solve the design problem; design requirements, prototyping and usability testing. The lab allows the students to apply the concepts, tools and methods, discussed in lecture, towards the major course project. Note: In addition to the prerequisite, it is recommended that students taking this course have completed an additional computing science course or an introductory course in psychology, sociology, or anthropology. Note: Students who have received credit in DESN 240 or DESN 242 will not receive credit for CMPT 250.
Prerequisites: A minimum grade of C- in CMPT 101 or CMPT 103.

CMPT 272
Formal Systems and Logic in Computing Science
3 Credits Weekly (3-2-1)
This course provides an introduction to the tools of set theory, logic, and induction, and their use in the practice of reasoning about algorithms and programs. Topics include basic set theory, the notion of a function, counting, propositional and predicate logic and their proof systems, and inductive definitions and proofs by induction.
Prerequisites: A minimum grade of C- in CMPT 101 or CMPT 103 or CMPT 200 and a minimum grade of C- in MATH 114 and C- in MATH 120 or MATH 125.

CMPT 280
Introduction to Computer Security
3 Credits Weekly (3-1-0)
Students are introduced to computer and network security and the underlying concepts of confidentiality, integrity, and availability. Topics include common cyberattacks, identifying vulnerabilities and defending against attacks, and approaches to creating secure systems. Students also work with some of the tools available to security administrators.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 291
Introduction to File and Database Management
3 Credits Weekly (3-3-0)
The course covers basic concepts in computer data organization and information processing, the entity-relationship model, the relational model, SQL, and other relational query languages. Other topics include storage architecture, physical organization of data, and access methods for relational data.
Prerequisites: A minimum grade of C- in CMPT 200.

CMPT 305
Introduction to Object-Oriented Programming
3 Credits Weekly (3-3-0)
In this course, students study the object-oriented programming (OOP) paradigm. The components of object-oriented programming are encapsulation, inheritance, and polymorphism. Students use some of the well established design patterns that recur in many non-trivial software systems. The last component of this course is event-driven programming. Note: Credit in CMPT 250 is recommended but not required.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 306
Non-Procedural Programming Languages
3 Credits Weekly (3-3-0)
This course examines various programming languages other than the standard third generation languages such as C++ and Java. This course considers a functional language (Lisp) and a logic language (Prolog). The underlying theories of lambda calculus (Lisp) and predicate logic (Prolog) are also studied. A limited number of applications to Artificial Intelligence are considered for both languages. This course also may examine additional interpreted languages.
Prerequisites: Minimum grade of C- in CMPT 200 and CMPT 272.

CMPT 310
Computers and Society
3 Credits Weekly (3-0-0)
This course explores the social, legal and ethical issues arising in the wake of computer technology, especially those concerning self, community, environment, education, work and democracy. Topics include ethical frameworks; data collection and use; privacy and security; intellectual property; artificial intelligence and automation; social responsibility. Note: This is a third year course. It is recommended that students taking this course have at least 48 earned credits in their program of study.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 311
Phenomenon of Technology
3 Credits Weekly (3-0-0)
This hybrid course explores the role and significance of technology in our daily lives through a variety of theoretical and research frameworks and methods, including media ecology, phenomenology, STS (science, technology and society) studies, and human-computer interaction research.
Prerequisites: Minimum grade of C- in any 200-level course (Note: this is a third year course, It is recommended that students taking this course have at least 48 credits in their program of study).

CMPT 312
Introduction to Robotics: Programming and Control
3 Credits Weekly (3-3-0)
This project based course offers an introduction to the basic concepts in robotics and the various algorithms used for perception, locomotion, and pathway planning. Students will get hands on experience with programming micro-controllers and building hardware and will apply concepts learned through interdisciplinary projects.
Prerequisite: A minimum grade of C- in CMPT 200.

CMPT 315
Web Application Development
3 Credits Weekly (3-3-0)
This course introduces various technologies in web programming. It requires students to work both individually and collaboratively to design and develop interactive web-based applications. Students learn both client- and server-side programming, database programming, and basic security concepts and testing.
Prerequisites: Minimum grade of C- in CMPT 291 and CMPT 305.

CMPT 330
Introduction to Real Time Gaming
3 Credits Weekly (3-3-0)
This course introduces the basic concepts of 2D and 3D game writing. Students learn to handle sprite animation, collision detection, and simple game artificial intelligence, and gain an understanding of the basics of 2D and 3D display at the level of the game engine. During this course, students design and implement an effective user interface for a game using a game engine as well as create several very small games. The course culminates with a team-based major game project.
Prerequisites: Minimum grade of C- in CMPT 230 and CMPT 305.

CMPT 340
Introduction to Numerical Methods
3 Credits Weekly (3-2-0)
This course provides an overview of computational methods for solving problems in linear algebra, non-linear equations, interpolation and approximation, and integration. Computer arithmetic and errors are discussed. The aim is to teach students the proper use of mathematical packages currently available.
Prerequisites: Minimum grades of C- in CMPT 201, MATH 114, and one of MATH 120 or MATH 125.

CMPT 351
Introduction to Data Visualization
3 Credits Weekly (3-2-0)
This course introduces techniques and tools for creating effective visualizations based on principles from visual design, perceptual psychology, and cognitive science. The goal of this course is to expose students to visual representation methods and techniques that increase the understandability of complex and varied data.
Prerequisites: Minimum grades of C- in CMPT 250 and STAT 151.

CMPT 355
Introduction to Artificial Intelligence
3 Credits Weekly (3-3-0)
This course provides an introduction to Artificial Intelligence (AI). AI is the study of how human intelligence can be imitated by computer programs. The course presents a survey of the concepts and applications of AI - such as: intelligent agents, knowledge representation, state-space search, expert systems and shells, natural language processing, propositional logic, learning and cognitive models. Some of the AI techniques will be implemented using both procedural and non-procedural languages (Prolog and LISP). Note: Students should be able to program in a high level programming language that allows explicit access to the underlying memory model. C and C++ are acceptable languages.
Prerequisites: Minimum grade of C- in CMPT 201 and CMPT 272.

CMPT 360
Introduction to Operating Systems
3 Credits Weekly (3-3-0)
This course introduces the fundamentals of operating systems. Topics include scheduling, memory management, concurrency, security and protection, device management, and file systems. The laboratory component involves both the investigation of these concepts in current operating systems as well as their design and implementation.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 361
Introduction to Networks
3 Credits Weekly (3-3-0)
This course introduces the basics of networking with a focus on computer networks. Topics include network architectures, protocols, client-server programming, security, and network management. A selection of material from data compression and decompression and multimedia data technologies are also discussed.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 370
Introduction to Computer Graphics
3 Credits Weekly (3-3-0)
This course introduces students to the foundations of computer graphics. Topics covered include 2D and 3D transformations, interactive 3D graphics programming, shading and lighting models, geometric modelling, computer graphics rendering including ray tracing and texture mapping. There will be an emphasis on both the mathematical and geometric aspects of graphics, as well as the ability to write complete 3D graphics programs.
Prerequisites: Minimum grades of C- in CMPT 201, MATH 114, and in either MATH 120 or 125.

CMPT 380
Computer Systems Security
3 Credits Weekly (3-3-0)
Students are introduced to the principles and practice of computer systems security and get hands on experience with relevant tools used by security professionals. Students also write programs to illustrate vulnerabilities and attacks such as: buffer overflow, SQL injection, cross site scripting and cross site request forgery. Topics include: host and application threats and hardening, storage security, virtualization, secure software development and web and mobile security.
Prerequisites: A minimum grade of C- in CMPT 280 and CMPT 360.

CMPT 381
Cryptology from Classical to Post-Quantum
3 Credits Weekly (3-3-0)
Cryptographic algorithms are used to ensure the privacy and integrity of data, secure communications, and protect and even supplant currency altogether. However, their utility and ubiquity were recently threatened by developments in quantum computing, necessitating a near future shift to more sophisticated, quantum-resistant algorithms. In this course, students will study the evolution of cryptology, covering the essentials of classical and contemporary symmetric and asymmetric encryption and decryption algorithms in their many forms and applications. In addition, students will study the implications of quantum attacks and explore at least one newly certified quantum-resistant algorithm. The focus of the course will balance practical implementations of naturally theoretical and mathematical concepts.
Prerequisites: Minimum grades of C- in CMPT 200 and one of MATH 120 or MATH 125.

CMPT 391
Database Management Systems
3 Credits Weekly (3-2-0)
This is the second course in database management systems. Topics include database design, normalization theory, transaction management, query processing, and query optimization, building and supporting secure applications. Database support for special data types such as XML documents is considered. Support for complex applications, data analysis and information retrieval is also covered.
Prerequisites: A minimum grade of C- in CMPT 291.

CMPT 395
Introduction to Software Engineering
3 Credits Weekly (3-3-0)
This course is an introduction to the fundamental concepts of software engineering. Topics include software design and analysis, software process, requirements, design patterns and testing. Team management is considered in both the lecture and in the laboratory through the use of team projects.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

CMPT 399
Topics in Computer Science
3 Credits Weekly (3-3-0)
In this course, students examine one or two topics in computer science. Topics will vary from year to year, but will typically build upon material students will have seen in the second year of their studies. Consultation with the department is required prior to registration. Note: This course may be taken multiple times for credit.
Prerequisites: Consent of the department.

CMPT 430
3D Game Development and Artificial Intelligence
3 Credits Weekly (3-3-0)
Modern game engines provide basic components such as animation and physics but to create a good game, the developer needs to provide functionality beyond the basics. This course will focus non-basic features such as camera control and game search/tracking heuristics. For the major project students will develop a portion of a game level using an existing commercial game engine. Note: CMPT 370 is recommended.
Prerequisites: Minimum grade of C- in both CMPT 330 and CMPT 395.

CMPT 450
Information Visualization
3 Credits Weekly (3-3-0)
This course continues the examination of human-computer interaction (HCI) that was begun in CMPT 250, but with the emphasis moving to the design and implementation of interactive visualization systems. Topics include design principles in information visualization, abstraction of data and user tasks, visual encoding, interaction techniques, and visualization toolkits.
Prerequisites: Minimum grade of C- in CMPT 250 and CMPT 305.

CMPT 455
Introduction to Machine Learning
3 Credits Weekly (3-3-0)
Machine learning (ML) is the science of making computers perform tasks without being explicitly programmed. There is a multitude of real-world applications of ML (e.g. speech recognition, advanced web search and information retrieval, self-driven cars). ML is used in almost any computer application without even knowing it. This class teaches the most effective machine learning techniques, along with practical skills to implement and adapt them to new problems.
Prerequisites: Minimum grades of C- in either CMPT 340 and STAT 151, or MATH 335 and CMPT 200.

CMPT 464
Wireless Networks and Embedded Systems
3 Credits Weekly (3-3-0)
This course introduces selected topics in embedded systems and wireless networks. Topics include an introduction to embedded systems with an emphasis on microcontrollers, techniques for programming embedded systems, design for low-power applications, the basics of radio communication, and protocols for both medium access control and routing within static and mobile environments. The laboratory is oriented toward the design and implementation of lecture topics using wireless sensor network hardware.
Prerequisites: Minimum grade of C- in CMPT 395 and C in CMPT 201.

CMPT 470
Introduction to Computer Vision
3 Credits Weekly (3-3-0)
Computer vision is a research field aimed to enable computers to process and interpret visual data, as sighted humans can. It is one of the most exciting areas of research in computing science and among the fastest growing technologies in today's industry. This course provides an introduction to the fundamental principles and applications of computer vision. Topics include feature detection and tracking, image matching and alignment, geometric relationships between 2D images and the 3D world, and some machine learning methods for computer vision.
Prerequisites: Minimum grades of C- in either CMPT 340 and STAT 151, or MATH 335 and CMPT 200.

CMPT 480
Computer Network Security
3 Credits Weekly (3-3-0)
Students are introduced to the principles and practice of computer networks security and get hands-on experience with relevant tools used by security professionals. Students also write code to illustrate vulnerabilities and attacks such as packet spoofing, ARP poisoning and DNS cache poisoning. Topics include network threats, hardening and monitoring, internet service hardening and network intrusion prevention and detection.
Prerequisites: Minimum grades of C- in CMPT 280 and CMPT 361.

CMPT 491
Datamining and Advanced Database Topics
3 Credits Weekly (3-3-0)
This course on data mining introduces the concepts, algorithms, techniques, and systems of data warehousing. Topics include what data mining is, data preprocessing, integration, and transformation. The design and implementation of data warehouse and OLAP systems, mining frequent patterns and association (basic concepts and advanced methods), and classification, clustering and outlier analysis are covered.
Prerequisites: Minimum grades of C- in STAT 151, CMPT 291, and in a 300-level CMPT *(*p. 688*) course.*

CMPT 496
Final Project
3 Credits Total (0-0-60)
In this course, students plan, conduct, and communicate the results of an independent project in Computer Science under the direction of a faculty supervisor. The project can be undertaken by an individual student or, if the scope warrants, by a team of students. Registration is contingent on the student(s) having made prior arrangements with a faculty member willing to supervise the project. Note: This course is intended for students in the final year of their degree. This course may be taken twice for credit.
Prerequisites: Minimum grade of C- in CMPT 395 and consent of the department.

CMPT 497
Computer Science Internship
3 Credits Total (45-0-90)
This course provides students with practical experience in a work environment. Students engage in work integrated learning through employment or internship in industry. Students learn in practice the professional aspects (work and ethics) of a computer scientist. At the end of the placement, students provide a presentation to demonstrate the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement. This course may be taken two times for credit. All placements require departmental approval.
Prerequisites: A minimum grade of C- in CMPT 395 and consent of the Department.

CMPT 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

CMPT 499
Topics in Computer Science
3 Credits Weekly (3-0-0)
In this course, students examine a topic of specialization in computer science. Topics will vary from year to year. Consultation with the department is required prior to registration. Note: This course may be taken multiple times for credit.
Prerequisites: Consent of the department.

Design - Bachelor of Design

Overview

Faculty of Fine Arts and Communications
MacEwan.ca/Design (https://www.macewan.ca/design/)

Designers influence the way we interact with the world, and as technology changes the way we absorb information and connect with each other, the role of designers has become more complex, sophisticated and exciting. MacEwan University's Bachelor of Design was developed with that evolution in mind. The result? A unique, forward-thinking program tailored to the qualities of 21st-century designers, moving design beyond being an applied art to also being an applied social science and demonstrating a major shift in the focus of design

from the beauty of everyday things to a broader interest in the psychology of everyday things.

MacEwan University's design degree graduates are experts in researching and understanding a problem and the people they are designing for, then crafting solutions that inform, persuade, delight or help us with everyday tasks. Students learn to design solutions for the screen, printed page, and in physical environments in areas of discipline such as graphic design, branding, advertising, digital experience design (websites, apps, etc.), motion graphics, illustration, photography, publication design, packaging design, and information design.

Coursework is project-based, hands-on and theory-driven. Over four years of study, students complete required courses that develop general design skills such as critical thinking, research, ideation, problem-solving, visualization, craft, technical proficiency, client communication, prototyping, testing and refinement.

Beyond the core courses, the degree offers flexibility in course selection and an opportunity for students to determine the skills they wish to develop. By selecting specific options, students form a pathway. Students do not declare pathways – they are simply program recommendations for how students could select their option courses. Students can customize each pathway to suit their own needs. The following are four potential pathways students could adopt:

Visual Communication Design (VCD)

Build on the fundamentals of design with coursework concentrating in visual communication design. Topics of study include branding, advertising, publication design, visual narrative, photography, illustration, design in the 3D environment, research methods and issues related to designing in the 21st century.

Digital Experience Design (DXD)

Focus on the skills, methods and theories that are required to design websites, applications (apps), wearables, game interfaces and other digital products. You will learn to make digital products that are useful, usable and desirable.

Photography, Video and Motion Graphics

Engage in the communicative aspect of photography, video and motion graphics, and gain the technological and creative expertise required to create images that command attention and concisely deliver a message or tell a story.

Illustration

Learn to use illustration as a communicative tool. Hone your craft through fine art drawing and painting courses and develop technical skills to deliver illustrations for print publications and digital media such as the web, video and motion graphics.

Regardless of the pathway, every student begins their studies by learning fundamental design skills that are common across all disciplines within the field. The first two years provide a foundation in drawing, 2D principles, design software, process, theory and history through hands-on, studio-based classes. In Year 2, students begin to select options to start their pathway. In the final two years, students learn to apply social science and business theory and methods to better understand how their design solutions affect human behaviour and continue to develop skills in their chosen pathway.

Career Potential

Upon graduation, students work in large agencies, small studios, print shops, and communications departments ranging in size from medium-sized businesses to large corporations. Depending on their pathway, a graduate's responsibilities might include graphic design, branding, advertising, publication design, information design, illustration, photography, website and app design, digital experience design, user interface design, motion graphics, packaging design or environmental graphic design. Many graduates from the Bachelor of Design also succeed at starting their own freelance design or photography studios.

Technology Integration for Creative Learning

All students entering year 1 are required to purchase a Digital SLR camera. All students entering year 2 are required to purchase a Macintosh laptop computer and software specific to their program of study. Specifications will be emailed to students. Students may be required to attend a technology orientation session prior to the start of Fall term classes.

Contact Information

design@macewan.ca

Degree Requirements

Code	Title	Credits
ARTE 110	Drawing Foundation	3
DESN 110	Design Studio I: Visual Organization, Composition and Visual Language	3
DESN 120	Design Software I	3
DESN 131	Typography I	3
DESN 150	Image Structure and Meaning	3
DESN 171	History of Visual Communication Design	3
DESN 203	Concept Visualization	3
DESN 205	Design Studio II: Process, Audience, and Context	3
DESN 220	Design Software II	3
DESN 231	Typography II	3
DESN 240	Introduction to Digital Experience Design	3
DESN 271	History of Modern Design and Material Culture	3
DESN 290	Business of Design	3
DESN 310	Design Studio III: Concept and Communication	3
DESN 311	Corporate Identity Design and Branding	3
DESN 313	Information Design I	3
DESN 344	Interaction Design I	3
DESN 380	Design Research	3
DESN 410	Design Studio IV: Applied Design Research	3
DESN 415	Design Studio V: Capstone	3
DESN 480	Design Issues Seminar	3
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
Program Options		**6**
Students are required to complete 6 credits of program options (see list below) from the MacEwan Bachelor of Design program (courses that use the DESN subject code). This requirement cannot be completed through transfer credit. Not every program option may be offered every academic term.		
Electives		**24**
Students are required to complete 24 credits of electives (defined as courses selected by the student, excluding those that use the DESN subject code), with no more than 12 credits at the 100-level.		
A minimum of 9 of these elective credits must be from the Social Sciences (PSYC, SOCI, ANTH, POLS, ECON and BCSC 200).		
3 elective credits must be from the School of Business (ACCT, BUSN, FNCE, HRMT, INFM, INSR, INTB, LEGL, MARK, MGMT, MGTS, MSYS, ORGA, PMGT, SCMT).		
All courses will be accepted as electives for the remaining 12 credits except: ARTE 106, ARTE 111, AGAD 107, BCSC 102, ENGL 108, ENGL 111, ENGL 199, ENGL 211, VCPH 100, WRIT 101, DESN, PACT, TRVL, OAAS, OADM, OALS, OAMS, COOP.		
Additional Program Options/Elective Requirements		**21**
Students are required to complete 21 credits in their choice of program option courses and/or electives. Of these 21 credits, no more than 9 credits can be at the 100-level.		
All courses will be accepted as electives except: ARTE 106, ARTE 111, AGAD 107, BCSC 102, ENGL 108, ENGL 111, ENGL 199, ENGL 211, VCPH 100, WRIT 101, DESN, PACT, TRVL, OAAS, OADM, OALS, OAMS, COOP.		
Total Credits		**120**

PROGRAM OPTIONS

List of Program Options

Code	Title	Credits
DESN 200	Drawing for Illustration	3
DESN 250	Introduction to Photography	3
DESN 260	Introduction to Video	3
DESN 261	Motion Graphics I	3
DESN 295	Field Placement	0
DESN 300	Illustration Techniques	3
DESN 314	Environmental Graphic Design	3
DESN 315	Visual Narrative and Storytelling	3
DESN 316	Branded Environments	3
DESN 317	Publication Design	3
DESN 318	Advertising Design I	3
DESN 331	Typography III	3
DESN 340	Web Design & Development I	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 350	Photo Lighting, Production, and Styling	3
DESN 352	Image Manipulation and Post-Production	3
DESN 361	Motion Graphics II	3
DESN 393	Multi-disciplinary VCD Studio	3
DESN 395	Internship	3
DESN 400	Applied Illustration	3
DESN 413	Information Design II	3
DESN 414	Experiential Design	3
DESN 417	Book Design	3
DESN 418	Advertising Design II	3
DESN 440	Web Design & Development II	3
DESN 442	Information Architecture	3
DESN 443	Multi-disciplinary Digital Experience Design Studio	3
DESN 444	Interaction Design II	3
DESN 445	Service Design	3
DESN 485	Special Topics in the Design Field	3
DESN 486	Individual Study	3

Pathways

The pathways below are recommendations on courses that students could choose for the 21 credits of program options/electives if they have a particular area of interest. Students can also develop their own pathway by selecting various program options.

Visual Communication Design

Code	Title	Credits
DESN 200	Drawing for Illustration	3
DESN 250	Introduction to Photography	3
DESN 315	Visual Narrative and Storytelling	3
DESN 316	Branded Environments	3
DESN 317	Publication Design	3

DESN 318	Advertising Design I	3
DESN 352	Image Manipulation and Post-Production	3

Digital Experience Design

Code	Title	Credits
DESN 340	Web Design & Development I	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 440	Web Design & Development II	3
DESN 442	Information Architecture	3
DESN 443	Multi-disciplinary Digital Experience Design Studio	3
DESN 444	Interaction Design II	3
DESN 445	Service Design	3

Photography, Video and Motion Graphics

Code	Title	Credits
DESN 250	Introduction to Photography	3
DESN 260	Introduction to Video	3
DESN 261	Motion Graphics I	3
DESN 315	Visual Narrative and Storytelling	3
DESN 350	Photo Lighting, Production, and Styling	3
DESN 352	Image Manipulation and Post-Production	3
DESN 361	Motion Graphics II	3

Illustration

Code	Title	Credits
ARTE 120	Drawing I	3
ARTE 205	Painting I	3
DESN 200	Drawing for Illustration	3
DESN 261	Motion Graphics I	3
DESN 300	Illustration Techniques	3
DESN 315	Visual Narrative and Storytelling	3
DESN 361	Motion Graphics II	3

Course Substitutions
List of Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
DESN 100	DESN 203
DESN 101	ARTE 110
DESN 102	ARTE 110
DESN 103	DESN 203
DESN 210	DESN 205
DESN 210	DESN 220
DESN 230	DESN 131
DESN 330	DESN 231
DESN 390	DESN 290
DESN 241	DESN 344
DESN 251	DESN 350
DESN 252	DESN 352
DESN 341	DESN 444
DESN 343	DESN 440
DESN 391	DESN 295

Degree Regulations

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and corequisite requirements for all courses.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level, and courses numbered from 200 to 499 are considered senior level.

Program Option Requirements

Students are required to complete 6 credits of program option courses from the MacEwan Bachelor of Design program (courses that use the DESN subject code). This requirement cannot be completed through transfer credit. Not every program option may be offered every academic term.

Elective Requirements

Students are required to complete 24 credits of electives (defined as courses selected by the student, excluding those that use the DESN subject code), with no more than 12 credits at the 100-level.

A minimum of 9 of those elective credits must be from Social Sciences (Psychology, Sociology, Anthropology, Political Science, Economics, or BCSC 200).

3 elective credits must be from the School of Business (ACCT, BUSN, FNCE, HRMT, INFM, INSR, INTB, LEGL, MARK, MGMT, MGTS, MSYS, ORGA, PMGT, SCMT).

All other courses will be accepted as electives for the remaining 12 credits except: ARTE 106, ARTE 111, AGAD 107, BCSC 102, ENGL 111, ENGL 199, ENGL 211, VCPH 100, WRIT 101, DESN, PACT, TRVL, OAAS, OADM, OALS, OAMS, COOP.

Program option courses cannot be used to fulfill elective requirements.

Additional Program Option/Elective Requirements

In addition to 6 credits of program option courses and 24 credits of electives, students are required to complete 21 credits in their choice of either program option courses or electives. Of these 21 credits, no more than 9 credits can be at the 100-level.

All courses will be accepted as electives except: ARTE 106, ARTE 111, AGAD 107, BCSC 102, ENGL 108, ENGL 111, ENGL 199, ENGL 211, VCPH 100, WRIT 101, DESN, PACT, TRVL, OAAS, OADM, OALS, OAMS, COOP.

Residency Requirements

To meet the requirements of the Bachelor of Design students will complete 50% of the total credit requirements through the University, as governed by Academic Policy Graduation *(*http://www.macewan.ca/contribute/groups/public/documents/document/pfw_008078.pdf*)*. *(*http://www.macewan.ca/contribute/groups/public/documents/document/pfw_008078.pdf*)*

Graduation Grade Point Average

Students must achieve a minimum Graduation Grade Point Average of 2.00 on the 4.00 scale.

Work Integrated Learning

Students choosing to complete internship or field placement courses must comply with Academic Policy Work Integrated Learning *(*http://www.macewan.ca/contribute/groups/public/documents/document/pfw_003536.pdf*)*. (http://www.macewan.ca/contribute/groups/public/documents/document/pfw_003536.pdf) The University will facilitate the assignment of students in work placements; however, students must take responsibility for securing an acceptable placement and work collaboratively with a university supervisor. Students are required to comply with any employer policies including but not limited to confidentiality, hours of work, intellectual property rights and privacy protection.

Diploma Requirements

Students are eligible for a diploma after the completion of 60 credits specified by the Graphic Design Diploma Exit Program of Study.

Diploma Exit

A diploma in Graphic Design is available to students who wish to exit the program after completing the required 60 credits in the Bachelor of Design, below. For more information, please see Degree Regulations.

Code	Title	Credits
ARTE 110	Drawing Foundation	3
DESN 110	Design Studio I: Visual Organization, Composition and Visual Language	3
DESN 120	Design Software I	3
DESN 131	Typography I	3
DESN 150	Image Structure and Meaning	3
DESN 171	History of Visual Communication Design	3
DESN 203	Concept Visualization	3
DESN 205	Design Studio II: Process, Audience, and Context	3
DESN 220	Design Software II	3
DESN 231	Typography II	3
DESN 240	Introduction to Digital Experience Design	3
DESN 290	Business of Design	3
DESN 310	Design Studio III: Concept and Communication	3
DESN 344	Interaction Design I	3
DESN 380	Design Research	3
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
Program Options		
Students are required to complete 6 credits of program options (see list below) from the MacEwan Bachelor of Design (courses that use the DESN subject code). This requirement cannot be completed through transfer credit. Not every program option may be offered every academic term.		6
Electives		
Students are required to complete 3 elective credits (defined as courses selected by the student, excluding those that use DESN subject code). All courses will be accepted as electives except: ARTE 106, ARTE 111, AGAD 107, BCSC 102, ENGL 108, ENGL 111, ENGL 199, ENGL 211, VCPH 100, WRIT 101, DESN, PACT, TRVL, OAAS, OADM, OALS, OAMS, COOP.		3
Total Credits		**60**

Program options

List of Program Options

Code	Title	Credits
DESN 200	Drawing for Illustration	3
DESN 250	Introduction to Photography	3
DESN 260	Introduction to Video	3
DESN 261	Motion Graphics I	3
DESN 271	History of Modern Design and Material Culture	3
DESN 300	Illustration Techniques	3
DESN 311	Corporate Identity Design and Branding	3
DESN 313	Information Design I	3
DESN 314	Environmental Graphic Design	3
DESN 315	Visual Narrative and Storytelling	3
DESN 316	Branded Environments	3
DESN 317	Publication Design	3
DESN 318	Advertising Design I	3
DESN 331	Typography III	3
DESN 340	Web Design & Development I	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 350	Photo Lighting, Production, and Styling	3
DESN 352	Image Manipulation and Post-Production	3
DESN 361	Motion Graphics II	3
DESN 393	Multi-disciplinary VCD Studio	3
DESN 395	Internship	3
DESN 400	Applied Illustration	3
DESN 413	Information Design II	3
DESN 414	Experiential Design	3
DESN 417	Book Design	3
DESN 418	Advertising Design II	3
DESN 440	Web Design & Development II	3
DESN 442	Information Architecture	3
DESN 443	Multi-disciplinary Digital Experience Design Studio	3
DESN 444	Interaction Design II	3
DESN 445	Service Design	3
DESN 485	Special Topics in the Design Field	3
DESN 486	Individual Study	3

Program Learning Outcomes

1. Solve communication problems using comprehensive visual design research, processes and methods.
2. Apply a human-centered approach using theories and methods of the social sciences.
3. Create a visually and conceptually integrated response to communication problems aimed at informing, instructing or persuading.
4. Integrate historical and contemporary understanding of visual and material culture into design practice.
5. Use industry-standard production methods, tools and technologies for the creation, reproduction and distribution of visual responses across various media.
6. Communicate ideas, information, arguments and analyses, and design proposals, orally and in writing, to team members, clients and stakeholders.
7. Work collaboratively as a member of leader of interdisciplinary teams.
8. Organize and manage design projects and client relations.
9. Evaluate responsible practices in design, including an understanding of sustainability, citizenship, social responsibility and cultural preservation.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75% in ELA 30-2
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

  OR

- Six credits of university-level English with no grade less than C-

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have completed one of the following from a recognized institution:

- A diploma in design (or equivalent)

  OR

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required high school courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official
documents such as high school or post-secondary transcripts or proof of successful completion of
standardized language evaluation. Full details are available in MacEwan University's academic calendar or
online at MacEwan.ca/ELP.

Economics - Bachelor of Arts

Overview

Economics is about so much more than just money and wealth – it offers a way of making the best possible use of resources. Study financial markets, governments and policies, growth, environmental issues, inequality, and globalization. Sharpen your critical thinking skills and expand your mind. By the end of your economics degree, you will have a strong grounding in all the economic principles and theories that will help you pursue your occupation or further your education into graduate studies and beyond.

Contact Information

Department of Anthropology, Economics, and Political Science
Room 7-368, City Centre Campus
10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-633-3890

Arts and Science Academic Advising
Room 6-211, City Centre Campus
T: 780-497-4505
E: artsandscience@macewan.ca

The Bachelor of Arts

Faculty of Arts and Science
MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic

Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉
Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉
Planetary Physics		◉
Statistics		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3

Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options
CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth

ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options

MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

Economics Requirements

Economics Major (p. 244)

Economics Honours (p. 245)

Economics Minor (p. 245)

Economics Major

The Bachelor of Arts (BA) in Economics program requires students to complete 120 credits of non-duplicative coursework. In addition to the Economics Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Arts major

Students are required to complete option courses as well as the major(s) and minor(s). All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Economics Major is 42 to 60 non-duplicative economics credits with a minimum 36 credits at the senior-level. Students must complete a minimum of six ECON credits at the 400-level; ECON 401 and ECON 497

do not satisfy this requirement. Students may complete up to 3 credits of AEPS or URBW to fulfill the General Honours Requirements.

STAT 151 or STAT 161 are required for this major. Students with credit for MATH 114 are not required to complete ECON 289.

Bachelor of Arts - Economics Major

Code	Title	Credits
Specific Major Requirements		
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ECON 281	Intermediate Microeconomics	3
ECON 282	Intermediate Macroeconomics	3
ECON 289	Introduction to Mathematical Economics	3
ECON 299	Quantitative Methods in Economics	3
ECON 399	Introductory Econometrics	3
ECON 497	Economic Analysis: A Capstone Seminar	3
Choose 6 credits from the following:		6
ECON 290	Economics at Work: Reasoning and Writing in Economics	
ECON 319	Contemporary Canadian Economic Issues	
ECON 384	Microeconomic Theory	
ECON 385	Macroeconomic Theory	
General Major Requirements		
Choose 12 to 30 credits from senior-level ECON, AEPS, or URBW with a minimum of 6 ECON credits at the 400-level. Students may complete a maximum of 3 credits of AEPS or URBW.		12-30
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Economics Honours

The Bachelor of Arts (BA) Economics Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Economics Honours program is comprised of 63 to 72 credits. Student must complete a minimum of 12 ECON credits at the 400-level including ECON 499. Students may complete up to 3 credits of AEPS or URBW to fulfill the General Honours Requirements.

STAT 151 or STAT 161, and MATH 114 are required for the Economics Honours program. It is recommended that students complete ECON 281, ECON 282, and STAT 151 before they declare Economics Honours. Students should be aware that if they do not complete ECON 289, they will be required to complete either MATH 120 or MATH 125 with a minimum grade of C-.

For consideration of admittance/acceptance into Economics Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six ECON credits completed at the senior-level
4. A minimum GPA of 3.3 across all senior-level ECON courses

Students accepted and enrolled in the Economics Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all senior-level ECON courses for each 12 consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA Economics Major.

Students have the option of completing a minor within the requirements of the Economics Honours program. Minors are comprised of 18 senior-level credits. All BA degrees, including Honours, require Breadth Requirements. Courses can be used to satisfy both the breadth requirements and requirements for Honours, minor(s), or options.

Bachelor of Art - Economics Honours

Code	Title	Credits
Specific Honours Requirements		
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ECON 281	Intermediate Microeconomics	3
ECON 282	Intermediate Macroeconomics	3
ECON 299	Quantitative Methods in Economics	3
ECON 384	Microeconomic Theory	3
ECON 385	Macroeconomic Theory	3
ECON 389	Mathematical Economics	3
ECON 399	Introductory Econometrics	3
ECON 499	Honours Thesis	3
General Honours Requirements		
Choose 33 to 42 credits from senior-level ECON, AEPS, or URBW with a minimum of 9 ECON credits at the 400-level, in consultation with the economics Honours advisor. Students may complete a maximum of 3 credits of AEPS or URBW.		33-42
Option Courses and/or a Minor		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		18-57
Total Credits		**120**

Economics Minor

The Economics Minor requires 18 senior-level ECON credits. A minimum of six credits must be completed at the 300- or 400-level; ECON 401 does not satisfy this requirement. Junior-level ECON 101 and ECON 102 are required.

Code	Title	Credits
Specific Minor Requirements		
ECON 281	Intermediate Microeconomics	3
ECON 282	Intermediate Macroeconomics	3
Choose 3 credits from the following:		3
ECON 290	Economics at Work: Reasoning and Writing in Economics	
ECON 319	Contemporary Canadian Economic Issues	
General Minor Requirements		
Choose 9 credits from senior-level ECON		9
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course*

Recognitions in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Economics Major Program Learning Outcomes

At various stages of course completion, students taking Economics courses should be able to satisfactorily perform the tasks mentioned in the following Program Learning Outcomes (PLOs). Each PLO combines a broad content area (such as principles, theory, and data) with several Bloom-type cognitive categories. Some of the PLOs are preceded by a *preamble*, which provides context, guidance, and rationale.

PLO 1—Principles

Reproduce and explain the main economic principles such as scarcity, tradeoffs, incentives, and gains from trade. Identify and define the main economic concepts, such as growth, inflation, and unemployment. Describe big contemporary problems, such as climate change, population growth, inequality, and migration. Summarize opposing views concerning the role of government in the economy. Solve old and new problems using economic principles and basic models. Discuss economic topics from broader (alternative) perspectives. Routinely invoke facts to create context and to construct arguments. Reproduce and discuss facts such as inflation targets, monetary policy rates, long-term growth rates, approximate GDP levels, the level of the global population, inequality levels, and poverty rates. Summarize and discuss important events such as the industrial revolution and the great depression. Describe the economic roles of various institutions such as markets, companies, the Bank of Canada, the financial system, or governments. Predict the effects

of consequential events such as market disturbances or changes in public policies. Describe and discuss both Canadian and global economic issues.

PLO 2—Theory
Explain, with examples, what a theoretical model is. Expose the limitations of making decisions based on economic theories. Reproduce and explain specific models, presented in mathematical or narrative form. Translate an economic problem into a known mathematical model, resolve it, and discuss its implications. Choose a suitable model (analytical tool) to answer a question. Propose solutions to new problems based on existing theoretical models. Identify, evaluate, and compare various models. Debate the strengths and weaknesses of alternative solutions. Discuss the nature and the role of external (empirical) validation of theoretical models.

PLO 3—Data
Our graduates' potential employers place a high value on quantitative skills such as handling, analyzing, interpreting, and presenting data.

Reproduce and explain statistical and econometric concepts and models such as random variable, random sample, estimator, sampling distribution, linear and logistic regression, p-value, and the two types of errors. Locate and manipulate data in view of statistical and econometric analysis. Detect and address the problems of missing values and outliers in data. Present data in summary statistics and charts. Infer population parameters. Based on economic theories, formulate and test hypotheses. Interpret the results of statistical and econometric analysis, both in natural and standardized units. Distinguish between statistical significance and substantive, or practical importance. Construct arguments along the lines of the scientific method. Use dedicated econometric software.

PLO 4—Critical thinking
A common misunderstanding in today's education is that students do not need to remember facts because facts are easy to find. This misconception limits a person's ability to debate in real-time. Also, not having all the pieces of a puzzle in one's mind limits a person's creativity and reasoning power.

Explain the economic way of thinking. Evaluate and debate known and new issues, using economic principles, economic theoretical results, and empirical findings. Explain the limitations of a purely economic approach to complex problems.

PLO 5—Communicate
The importance of good communication skills cannot be overemphasized. Not only stands it prominently on an employer's need list, but it enriches an individual's life. All courses having a writing part enforce good writing. Likewise, many courses encourage public speech and presentation.

Communicate economic matter in speech, writing, and diverse media. Some essentials of good writing may include the following: identify and summarize an issue of interest to the profession, to the community, or to the public; construct a thesis that constitutes the backbone of the written piece; organize the text in paragraphs, each paragraph supporting only one clear argument, directly or indirectly related to the thesis; eliminate unnecessary words, sentences, and paragraphs; provide, however, as much content as necessary; review, revise, rethink, and rewrite your text as many times as it takes to make it cohesive, coherent, and clear; seek, accept, and respond to criticism and suggestions for improvement. Specific courses may emphasize different aspects of communicating.

PLO 6—General
Social interaction skills are important both for individuals and society. One may think that the burden of educating the students in this area falls not on the program, but on the university, through various requirements and policies. Arguably, though, the program still has an essential role in the matter because it is at the program and course level where such skills can be best observed and assessed.

Locate and follow instructions, policies, rules, and recommendations that govern your activity, workplace, class, or university. Meet deadlines. Respect a person of authority or expertise. Respect a peer, even when disagreeing. Carefully ponder a question or comment before answering. Describe effective methods of lasting learning. Name your preferred economics authors and summarize their writings. Discuss current news from an economist's viewpoint, at both Canadian and global levels. Behave ethically in learning, research, and profession.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students can complete up to 3 credits of AEPS or URBW to fulfill the General Major Requirements

Year 1	Credits
ECON 101	3
ECON 102	3
ENGL 102	3
Choose 3 credits (1 course) from the following:	3
STAT 151	
STAT 161	
Breadth Requirements	18
	30

Year 2	Credits
ECON 281	3
ECON 282	3
ECON 289	3
ECON 299	3
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 3	Credits
ECON 399	3
Choose 6 credits (2 courses) from the following:	6
ECON 290	
ECON 319	
ECON 384	
ECON 385	
Choose 6 credits (2 courses) from senior-level ECON	6

Options, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 4	**Credits**
ECON 497	3
Choose 6 credits (2 courses) from 400-level ECON	6
Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

ECON 101	Introduction to Microeconomics
ECON 102	Introduction to Macroeconomics
ECON 261	Introduction to Agricultural Economics
ECON 281	Intermediate Microeconomics
ECON 282	Intermediate Macroeconomics
ECON 289	Introduction to Mathematical Economics
ECON 290	Economics at Work: Reasoning and Writing in Economics
ECON 341	Money and Banking
ECON 345	Global Economics
ECON 353	Taxation Policy and Structure
ECON 366	Energy Economics
ECON 385	Macroeconomic Theory
ECON 389	Mathematical Economics
ECON 399	Introductory Econometrics
ECON 441	Monetary Theory and Policy
ECON 443	Topics in Financial Economics

Winter 2025

ECON 101	Introduction to Microeconomics
ECON 102	Introduction to Macroeconomics
ECON 212	Economic Aspects of the European Union
ECON 213	Introduction to Economics of Developing Countries
ECON 220	The Economics of Gender
ECON 281	Intermediate Microeconomics
ECON 282	Intermediate Macroeconomics
ECON 299	Quantitative Methods in Economics
ECON 319	Contemporary Canadian Economic Issues
ECON 335	Urban Economics
ECON 341	Money and Banking
ECON 344	Fundamentals of Policy Analysis
ECON 350	Economics of Public Expenditure
ECON 355	Economics of Project Evaluation
ECON 357	Topics in Applied Economics
ECON 369	Economics of the Environment
ECON 384	Microeconomic Theory
ECON 401	Field Placement
ECON 422	International Payments
ECON 467	Environmental and Natural Resource Policy
ECON 481	Advanced Microeconomic Theory
ECON 497	Economic Analysis: A Capstone Seminar

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Economics Courses

ECON 101
Introduction to Microeconomics
3 Credits Weekly (3-0-0)
This course will provide an introductory investigation to supply and demand analysis; the theory of production, costs, and price determination under competitive and non-competitive market conditions. Emphasis is given to the Canadian Economy.

ECON 102
Introduction to Macroeconomics
3 Credits Weekly (3-0-0)
Following a brief introduction to the discipline of economics, this course provides an introductory investigation of national income determinations, monetary and banking systems, and fiscal and monetary policies. Contemporary problems of unemployment, inflation, economic growth, exchange rates and international trade are analyzed. Emphasis is given to Canadian issues.

ECON 212
Economic Aspects of the European Union
3 Credits Weekly (3-0-0)
This course focuses on the study of economic policies in the European Union (EU). Though the ideas of trade liberalization and economic integration are as old as economics itself, the ongoing process of integrating Europe is one of the most exciting experiences in human history. The European experience of economic, political, legal, and social integration is a unique opportunity to learn how these processes work and what their dangers are. This course concerns the economic foundations of the Union, as well as current issues.
Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON 213
Introduction to Economics of Developing Countries
3 Credits Weekly (3-0-0)
This course is a survey of case studies from developing countries that focuses on the major approaches to, and problems of, economic development. It emphasizes issues relating to the concept and history of development; development strategies; poverty; population growth; trade, growth, macroeconomic management and globalization; role of institutions in development; linkages between environment and development; savings and investment; and foreign aid.
Prerequisites: Minimum grade of C- in ECON 102.

ECON 220
The Economics of Gender
3 Credits Weekly (3-0-0)
This course is an analysis of general gender economic issues which can impact economic development around the world. The topics to be discussed will include educational achievement, labour market participation, earnings, socio-economic policies, and accessibility to technology based on different gender identities.
Prerequisites: A minimum grade of C- in ECON 102.

ECON 255
Introduction to Data Wrangling: Collecting, Cleaning, and Presenting Data
3 Credits (0-3-0)
This course is an introduction to data analysis: finding, collecting, cleaning, exploring, visualizing, and presenting data. Students will apply the methods learned in this course to describe, interpret, and analyze practical economic problems. The course uses the R software for all purposes.
Prerequisites: A minimum grade of C- in ECON 101 or ECON 102.

ECON 261
Introduction to Agricultural Economics
3 Credits Weekly (3-0-0)
This course introduces students to the basic economic concepts and issues related to agriculture and food, especially economic forces influencing the decisions of producers, consumers, and marketers of food, fiber, and other agricultural products. The interaction of agricultural production with environment in relation to sustainability and regional differences will also be addressed.
Prerequisites: A minimum grade of C- in ECON 101.

ECON 281
Intermediate Microeconomics
3 Credits Weekly (3-0-0)
Microeconomics aims at explaining phenomena such as changes in relative prices, but it is much more than that: it provides methods for making educated decisions in our day-to-day lives. To that end, it uses a set of principles, a reasoning framework, and a few mathematical models expressed in functions, equations, and graphs. Knowledge of algebra at a high-school level is strongly recommended.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 282
Intermediate Macroeconomics
3 Credits Weekly (3-0-0)
Students explore topics such as models of price, interest rate, output, and employment determination; the impact of fiscal, monetary, and supply shocks; open economy macroeconomics with fixed and flexible exchange rates, and prices as well as international capital mobility.
Prerequisites: Minimum grades of C- in ECON 101 and ECON 102.

ECON 289
Introduction to Mathematical Economics
3 Credits Weekly (3-0-0)
This course introduces students to mathematical framework for economic analysis. It examines the fundamental techniques of functions, matrix algebra, differentiation and integration in relation to their application to the concepts to economic analysis. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ECON 101.

ECON 290
Economics at Work: Reasoning and Writing in Economics
3 Credits Weekly (3-0-0)
Students review the tools of economic reasoning and use them to analyze a variety of micro- or macro-economic issues from an individual's perspective. Instruction emphasizes high student engagement both in class and with home assignments. Reading and writing economics materials are both means and ends of this course.
Prerequisites: Minimum grade of C- in 6 ECON *(*p. 720*) credits.*

ECON 299
Quantitative Methods in Economics
3 Credits Weekly (3-0-0)
This course is an introduction to the mathematical and statistical methods in economics. Students apply mathematical tools to economic problems, preparing them for models used in higher-level courses. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grades of C- in ECON 101, one of ECON 289 or MATH 114, and one of STAT 151 or STAT 161.

ECON 311
Canadian Monetary Policy
3 Credits Weekly (3-0-0)
Monetary policy is a complex process of decision making. Such policy requires measuring the existing state of the Canadian economy, forecasting various macroeconomic variables, and understanding how variables such as interest rates, exchange rates, budget deficits, and trade deficits influence the inflation rate. In this course, students will learn how to assess such variables by simulating the role of advisors to the Bank of Canada on monetary policy. A small number of students taking this course may be offered the extra-curricular chance to participate in the subsequent round of Bank of Canada Governor's Challenge competition.
Prerequisite: Minimum grades of C- in ECON 282 and ECON 399; ECON 399 may be taken as a co-requisite with permission of the department.

ECON 319
Contemporary Canadian Economic Issues
3 Credits Weekly (0-0-3)
This course examines contemporary Canadian economic issues in relation to macroeconomic performance, monetary and fiscal policies, trade liberalization, environmental management and policies, industrial policies, social policies and regional development. The debates and policies related to contemporary economic aspects of these issues are discussed.
Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON 323
International Economics
3 Credits Weekly (3-0-0)
This course examines the principles underlying the international economy in both trade and finance. Emphasis is placed on the determination of trade patterns, comparative advantage, trade and tariffs, and the macroeconomic effects of exchange rate changes. Note: Students who have taken ECON 421 or ECON 422 for credit cannot receive credit for this course.
Prerequisites: Minimum grades of C- in ECON 101 and ECON 102.

ECON 335
Urban Economics
3 Credits Weekly (3-0-0)
This course explores how economic forces: influence development of cities in spatial, social, and economic dimensions; cause cities to grow or shrink; affect urban problems such as poverty, crime, and congestion; make urban housing markets work; and shape taxation and spending policies to promote urban sustainability.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 341
Money and Banking
3 Credits Weekly (3-0-0)
This course analyzes the role of money and credit in the exchange process. Topics include the savings - investment process, commercial banking, financial intermediaries, financial markets, central banking, and regulations of financial institutions.
Prerequisites: A minimum grade of C- in ECON 102.

ECON 344
Fundamentals of Policy Analysis
3 Credits Weekly (3-0-0)
This course applies economic concepts and techniques to practical policy problems that governments face, including the provision of public goods and the regulation of private individuals and businesses. Students will learn how to conduct different types of economic analyses that assist governments in deciding when and where to address a problem and how to choose between different solutions. This course provides students with an entry point to the profession of policy analysis. Note: Students can only receive credit for one of ECON 344 or POLS 344.
Prerequisites: A minimum grade of C- in ECON 101 or consent of the department; POLS 244 is recommended for all students taking this course.

ECON 345
Global Economics
3 Credits Weekly (3-0-0)
This course aims to analyze historical and current issues surrounding globalization and regional economic integration among nations. The discussions are based on a critical review of empirical evidence and applications of theory and policies worldwide. Topics to be covered include causes and consequences of financial crises, the establishment and the role of international economic institutions, analysis of trade agreements, regional trade strategies, and the impact of globalization.
Prerequisites: A minimum grade of C- ECON 102.

ECON 350
Economics of Public Expenditure
3 Credits Weekly (3-0-0)
This course analyzes public expenditure policies and other issues involved in the provision of public services. The key topics include public goods, externalities, public choice, fiscal federalism, healthcare, education, and public pensions.
Prerequisites: A minimum grade of C- in ECON 101.

ECON 353
Taxation Policy and Structure
3 Credits Weekly (3-0-0)
This course introduces students to the basic structure of a tax system and various tax policy issues. Particular attention is paid to the Canadian tax structure and its role in attaining certain goals of society. The key concepts in this course include tax incidence, economic effects of taxes, and tax policy design.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 355
Economics of Project Evaluation
3 Credits Weekly (3-0-0)
This course covers the use of cost-benefit analysis and other economic methods in evaluating private and public investment projects with examples from transportation, river basin management, electrical generation, and oil and gas.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 357
Topics in Applied Economics
3 Credits Weekly (3-0-0)
This course focuses on the economic aspects and related policy issues of selected areas such as; health and health care, labour, sports, and law. Topics vary and are announced prior to registration. Consult with faculty members in Economics for details regarding current offerings.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 365
Resource Economics
3 Credits Weekly (3-0-0)
This course examines the issues involved in the production of exhaustible and renewable natural resources, including exploration, extraction, and taxation; scarcity and pricing; and contemporary Canadian resource policy issues.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 366
Energy Economics
3 Credits Weekly (3-0-0)
This course examines the economics of producing and consuming energy, pricing, role in economic growth, energy sources and markets, the role of government, regulation and other energy policy issues.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 369
Economics of the Environment
3 Credits Weekly (3-0-0)
This course examines economic growth and the deterioration of the environment, types and causes of environmental deterioration, theory, policy, and measurement relating to environmental deterioration, and current Canadian environmental topics.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 373
Industrial Organization
3 Credits Weekly (3-0-0)
This course presents a survey of the theories of behaviour and performance of firms under different market structures, game-theoretical concepts applied to the study of strategic behaviour in the market, case studies, and Canadian antitrust policy and practice.
Prerequisites: Minimum grade of C- in ECON 281 and either MATH 114 or ECON 289.

ECON 384
Microeconomic Theory
3 Credits Weekly (3-0-0)
This course examines extensions and applications of microeconomic topics such as inter-temporal choice, uncertainty, game theory, externalities, public goods, asymmetric information, and general equilibrium. Recommended to students who wish to deepen their understanding in microeconomic theory and analytical skills in using microeconomic models.
Prerequisites: Minimum grade of C- in ECON 281 and either MATH 114 or ECON 289.

ECON 385
Macroeconomic Theory
3 Credits Weekly (3-0-0)
Building on Intermediate Macroeconomics, students examine government budget constraint and public debt, neoclassical growth theories, money supply, and theories of aggregate consumption, investment, and money demand.
Prerequisites: Minimum grades of C- in ECON 281 and ECON 282.

ECON 389
Mathematical Economics
3 Credits Weekly (3-0-0)
This course focuses on mathematical techniques used to set and solve economic problems. Topics include principles and applications of total and partial differentiation, comparative static analysis, constrained and unconstrained optimization, linear inequalities, convexity, programming, other mathematical theories of interest in modern economics. Note:This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ECON 281, ECON 282, and in either ECON 289 or both MATH 114 and MATH 120.

ECON 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate level student to work with an instructor to explore specific economic topics in a certain field of economics through directed reading and research using primary and secondary sources.
Prerequisites: Consent of the department.

ECON 399
Introductory Econometrics
3 Credits Weekly (0-3-0)
This course provides an elementary treatment of major topics in econometrics with emphasis on applied regression methods, econometric model building and applications, introduction to, and practice of empirical research methods; identifying topics, collecting data, and writing a research report. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ECON 299.

ECON 401
Field Placement
3 Credits Weekly (6-0-0)
In this course, the students are assigned to a public, private, or non-profit organization where they apply their knowledge and skills in research, evaluation, management or analytical aspects of a project. Note: This course does not fulfill the 400-level requirement for the major and minor.
Prerequisites: Minimum grade of C- in ECON 299 and consent of the department.

ECON 414
Development Economics
3 Credits Weekly (3-0-0)
This course focuses on economic models of growth and development in developing countries. Topics include poverty and inequality, population dynamics, the role of agriculture, industry, saving and investment, fiscal and macro policies, international trade and globalization in structural transformation of developing countries as well as the various approaches to development planning.
Prerequisites: Minimum grade of C- in ECON 281 and ECON 282.

ECON 421
International Trade
3 Credits Weekly (0-0-3)
The course focuses on: nature and relevance of international trade; early trade doctrines; the theory of comparative advantage; classical and modern approaches and empirical evidence for them; new approaches to the pure theory of international trade; economic growth and international trade; market imperfections and trade; commercial policy; economic integration; and the gains from trade.
Prerequisites: Minimum grade of C- in ECON 281, and in either MATH 114 or ECON 289.

ECON 422
International Payments
3 Credits Weekly (0-0-3)
This course examines these macroeconomic topics: the types of international transactions, macroeconomics in an open economy, exchange rates, balance of payments adjustments, and issues within the international monetary system.
Prerequisites: Minimum grade of C- in ECON 281, ECON 282 and in either MATH 114 or ECON 289.

ECON 441
Monetary Theory and Policy
3 Credits Weekly (0-0-3)
In this course, students examine formal modeling of money and recent developments in monetary economics, including inflation tax and the optimum quantity of money. Key topics include term structure of interest rates, money and economic activity, rules versus discretion in monetary policy, and the role of financial deregulation.
Prerequisites: Minimum grade of C- in ECON 281, ECON 282 and in either MATH 114 or ECON 289.

ECON 442
Economics of Financial Markets
3 Credits Weekly (0-0-3)
The central topics covered in this course include the measurements of risk, hedging and speculation, market microstructure, asset pricing and market equilibrium.
Prerequisites: Minimum grade of C- in ECON 281, in either STAT 151 or STAT 161, and in either MATH 114 or ECON 289.

ECON 443
Topics in Financial Economics
3 Credits Weekly (3-0-0)
This course is devoted to the detailed study of a single topic. The content of the course will depend on the topic area. Students can take this course up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in FNCE 301 or a minimum grade of C- in ECON 442.

ECON 455
Topics in Econometrics
3 Credits Weekly (0-3-0)
This course focuses on selected contemporary topics in Econometrics. Students undertake a detailed analysis of a specific topic. The instructor chooses the topic in any given semester. Students can take this course up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in ECON 399.

ECON 467
Environmental and Natural Resource Policy
3 Credits Weekly (0-0-3)
The course focuses on the relationships between economic activities, environment and ecosystem; designing, implementing, managing and evaluating domestic, regional and global policy issues related to environmental, renewable and non-renewable resources. The course also discusses Canadian environmental problems and critically analyzes the policies used to address those problems.
Prerequisites: Minimum grade of C- in ECON 281, either MATH 114 or ECON 289, and one of ECON 365, ECON 366, or ECON 369.

ECON 481
Advanced Microeconomic Theory
3 Credits Weekly (3-0-0)
This honours level course is an advanced microeconomics study of producer and consumer theory, general equilibrium and welfare economics, and selected topics.
Prerequisites: Minimum grade of C- in ECON 384 and ECON 389 or consent of the department.

ECON 482
Advanced Macroeconomic Theory
3 Credits Weekly (3-0-0)
This course explores modern macroeconomic theory including theories of business cycles and growth, microfoundations of macro models, government budget constraints, expectations formation, the open economy and representative agent optimizing models.
Prerequisites: Minimum grade of C- in ECON 384 and ECON 385.

ECON 489
Advanced Mathematical Economics
3 Credits Weekly (3-0-0)
This course focuses on dynamic models in economics. Topics include economic models based on first- and second-order differential equations, calculus of variations (the Euler sufficient condition), and optimal control theory (the maximum principle); instructors may include other topics, such as difference equations and discrete time optimization. Examples may come from macroeconomics, microeconomics, game theory, resource economics, energy, and other subjects in economics.
Prerequisites: A minimum grade of C-- in ECON 389, or both MATH 115 and 6 credits ECON *(*p. 720*), or consent of the department.*

ECON 495
Applied Econometrics
3 Credits Weekly (0-3-0)
This course covers topics that are beyond the scope of ECON 399, such as panel data models, instrumental variables, limited dependent variables, and simultaneous equations. The learning method is substantially based on computer lab work. The theory behind each econometric method studied in this course is provided only as much as necessary for the sound understanding of the respective method.
Prerequisites: A minimum grade of C- in ECON 399 or STAT 378.

ECON 497
Economic Analysis: A Capstone Seminar
3 Credits Weekly (0-0-3)
Students use their understanding of economic theory and quantitative knowledge to investigate in depth an economic issue. In a structured environment, they learn how to analyze economic problems, find solutions and write reports. They also practice how to formally discuss critique and evaluate other economic reports and publications.
Prerequisites: A minimum grade of C- in ECON 281, ECON 282, and ECON 399.
Co-requisites: ECON 399 May be taken as Co-requisite with consent of the department.

ECON 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific economic topic in depth through directed reading and research using primary and secondary sources.
Prerequisites: A minimum grade of C- in ECON 281 and ECON 282 and ECON 299 and consent of the department.

ECON 499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor registered students conduct a research project culminating in a written Honours Thesis with oral defense. This course is restricted to students in the Honours Economics Program and may only be taken in their final year of the program.
Prerequisites: Department consent required.

English - Bachelor of Arts

Overview

Study literature and open your mind to a world of provocative ideas and new perspectives. Our students are readers, writers, and critical thinkers who engage with culture, history, and language.

We offer a range of traditional and innovative courses led by award-winning faculty with a passion for teaching. Engage with writers and genres from across time and cultures; explore the classics or the very latest contemporary works; study creative writers or creative writing. Our courses offer you the opportunity to reflect deeply and think freely about the world and your own experiences within and beyond the boundaries of academic discourse.

Contact Information

Department of English
Room 6-223, City Centre Campus
10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-5346

Arts and Science Academic Advising
Room 6-211, City Centre Campus
T: 780-497-4505
E: artsandscience@macewan.ca

The Bachelor of Arts

Faculty of Arts and Science
MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉
Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉
Planetary Physics		◉
Statistics		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3
Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options
CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options

ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth

PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

English Major (p. 262)

English Honours (p. 262)

English Minor (p. 263)

English Major

The Bachelor of Arts (BA) in English program requires students to complete 120 credits of non-duplicative coursework. In addition to the English Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Arts major

Students are required to complete option courses as well as the major(s) and minor(s). All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The English Major is 42 to 60 non-duplicative English credits with a minimum 36 credits at the senior-level. Students must complete a minimum of six credits of ENGL at the 400-level and **may** complete a maximum of nine CRWR credits. ENGL 211 cannot be used to fulfill the minimum requirements of the English Major.

Students also require a minimum of six credits of one language other than English (LOE). The LOE can be taken as part of the Literacy Breadth requirement.

Bachelor of Arts - English Major

Code	Title	Credits
Specific Major Requirements		
ENGL 102	Analysis and Argument	3
Choose 3 credits		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
ENGL 391	Topics in Literary Theory	3
Choose 3 credits from the following: [1]		3
ENGL 205	Rhetoric and Stylistic Analysis	
ENGL 306	Advanced Grammar	
ENGL 307	The History of the English Language	
Choose 9 credits from Literature before 1800 from the following:		9
ENGL 243	Genesis of English Literary Forms: Old English to Late Renaissance	
ENGL 319	Earlier Medieval English Literature	
ENGL 320	Later Middle English Literature	
ENGL 324	Chaucer	
ENGL 336	Studies in Shakespeare	
ENGL 337	English Renaissance Literature	
ENGL 340	Studies in 17th Century English Literature	
ENGL 341	Augustan Literature	
ENGL 342	Topics in the Literature of the Long Eighteenth Century	
ENGL 348	Milton	
ENGL 491	Early and Later Middle English	
ENGL 492	Elizabethan/17th Century Literature	
ENGL 493	Restoration/Eighteenth Century Literature	
Choose 3 credits from Canadian Literature from the following:		3
ENGL 374	Early Canadian Literature	
ENGL 376	Contemporary Canadian Literature	
ENGL 377	Studies in Indigenous Literature	
General Major Requirements		
Choose 18 to 36 credits from junior- or senior-level ENGL. Students may also choose a maximum of 9 credits from junior- or senior-level CRWR.		18-36
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		
Total Credits		**120**

1 Only three credits from ENGL 207 or ENGL 306 can be used to fulfill this requirement.

English Honours

The Bachelor of Arts (BA) English Honours degree program requires students to complete 120 credits of non-duplicative coursework. The English Honours program is comprised of 63 to 84 credits. Students must complete a minimum of 12 ENGL credits at the 400-level including ENGL 499 and **may complete** a maximum of 12 CRWR credits. Students in the Honours degree must also take three credits in each of Canadian, British, and American literature. These may be duplicative within the five time periods and the General Honours Requirements. ENGL 211 cannot be used to fulfill the minimum requirements of the English Honour program.

Students have the option of completing a minor within the requirements of the English Honours program. Minors are comprised of 18 senior-level credits.

For consideration of admittance/acceptance into English Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six ENGL credits completed at the senior-level
4. A minimum GPA of 3.3 across all senior-level ENGL courses

Students accepted and enrolled in the English Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all senior-level ENGL and CRWR courses for each 12 consecutive months following acceptance into the Honours program. If a student declares the Creative Writing Minor with the English Honours, only senior-level ENGL courses will be used to calculate the Honours GPA. Failure to maintain a 3.3 Honours GPA will result in the student's program status reverting to a BA English Major.

All BA degrees, including Honours, require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, minor(s), or options.

Bachelor of Arts - English Honours

Code	Title	Credits
Specific Honours Requirements		
ENGL 102	Analysis and Argument	3
Choose 3 credits from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
ENGL 391	Topics in Literary Theory	3
ENGL 399	Methods in Literary Study	3
ENGL 499	Honours Thesis Seminar	3
Choose 3 credits from the following: [1]		3
ENGL 205	Rhetoric and Stylistic Analysis	
ENGL 306	Advanced Grammar	
ENGL 307	The History of the English Language	
Choose 3 credits from each of the following time periods:		15
Early and Later Middle English		
ENGL 319	Earlier Medieval English Literature	
ENGL 320	Later Middle English Literature	
ENGL 324	Chaucer	
ENGL 491	Early and Later Middle English	
Elizabethan and 17th Century		
ENGL 336	Studies in Shakespeare	
ENGL 337	English Renaissance Literature	
ENGL 340	Studies in 17th Century English Literature	
ENGL 348	Milton	
ENGL 492	Elizabethan/17th Century Literature	
Restoration and 18th Century		
ENGL 341	Augustan Literature	
ENGL 342	Topics in the Literature of the Long Eighteenth Century	
ENGL 493	Restoration/Eighteenth Century Literature	
British, American and Canadian 19th Century		
ENGL 350	Topics in Romantic Literature	
ENGL 352	Early Victorian Literature	
ENGL 353	Later Victorian Literature	
ENGL 358	19th Century American Literature	
ENGL 494	Nineteenth Century Literature	
British, American, Canadian and Post-Colonial Literature 20th and 21st Century		
ENGL 361	Early 20th Century American Literature	
ENGL 362	Contemporary American Literature	
ENGL 364	Topics in 20th and 21st Century Literature	
ENGL 365	Early 20th Century British & Anglophone Literature	
ENGL 366	Contemporary British and Anglophone Literature	
ENGL 374	Early Canadian Literature	
ENGL 376	Contemporary Canadian Literature	
ENGL 377	Studies in Indigenous Literature	
ENGL 381	Topics in Post-Colonial Literature	
ENGL 481	Post- Colonial Theory and Practice	
ENGL 495	Twentieth Century Literature	
ENGL 496	Intersections - Theory and Culture	
ENGL 497	Twenty-First Century Literature	
General Honours Requirements		
Choose an additional 30 to 51 credits in senior-level ENGL in consultation with the English Honours advisor. Students can also choose a maximum of 12 CRWR credits.		31-51
Option Courses and/or a Minor		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		36-57
Total Credits		**120**

1

Only three credits from ENGL 207 or ENGL 306 can be used to fulfill this requirement.

English Minor

The English Minor requires 18 senior-level credits with a minimum of 12 credits at the 300- or 400- level and a maximum of three credits from CRWR. Junior-level ENGL 102 and one of ENGL 103, ENGL 104, or ENGL 105 are required. ENGL 211 cannot be used to fulfill the requirements of the English Minor.

Code	Title	Credits
Specific Minor Requirements		
Choose 3 credits from the following:		3
ENGL 319	Earlier Medieval English Literature	
ENGL 320	Later Middle English Literature	
ENGL 324	Chaucer	
ENGL 336	Studies in Shakespeare	
ENGL 337	English Renaissance Literature	
ENGL 340	Studies in 17th Century English Literature	
ENGL 341	Augustan Literature	
ENGL 342	Topics in the Literature of the Long Eighteenth Century	
ENGL 348	Milton	
ENGL 491	Early and Later Middle English	
ENGL 492	Elizabethan/17th Century Literature	
ENGL 493	Restoration/Eighteenth Century Literature	
General Minor Requirements		
Choose 15 credits from senior-level ENGL or CRWR		15
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to

complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

English Major Program Learning Outcomes

Upon completion of a Bachelor of Arts degree with a major in English, students should be able to:

Conduct close readings of texts:

- Demonstrate proficiency in reading literary texts
- Define and evaluate key formal elements of literary fiction, poetry, drama, nonfiction, graphic, or film texts
- Assess the relationship between texts and genres
- Interpret and articulate how texts produce complex meaning

Compose effective arguments about texts:

- Formulate a contestable, focused, and demonstrable thesis
- Incorporate and analyze evidence from primary and secondary sources
- Apply discipline- or audience-specific rhetorical strategies
- Develop well-structured written arguments
- Compose clear, concise, and effective sentences
- Present research in various modalities and contexts

Interpret texts in relation to social and historical contexts:

- Demonstrate knowledge of Anglophone literary traditions and world literatures in translation
- Describe how historical and social contexts influence literary texts
- Appraise relationships between marginalized literary traditions and the historical forces that have suppressed them
- Explain how contemporary or historical aspects of the English language shape expression and meaning

Engage with literary criticism and theory:

- Distinguish between theoretical approaches
- Explain and compare key theoretical concepts in works from different historical periods

- Evaluate the utility, suitability, and merits of different theoretical approaches for the analysis of a particular text
- Synthesize key concepts or approaches from literary criticism and theory

Demonstrate transferable competence with academic research methods:

- Identify and retrieve sources from libraries and other repositories
- Evaluate sources for credibility and relevance
- Demonstrate proficiency in reading literary criticism
- Acknowledge sources accurately and ethically using the appropriate documentation style

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students may complete a maximum of 9 senior-level CRWR credits (3 courses) in place of ENGL

Year 1	Credits
ENGL 102	3
Choose 3 credits (1 course) from the following:	3
ENGL 103	
ENGL 104	
ENGL 105	
Language Other than English	6
Breadth Requirements	18
	30

Year 2	Credits
Choose 6 credits (2 courses) from ENGL with a minimum of 3 credits (1 course) at the 200-level	6
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	24
	30

Year 3	Credits
ENGL 391	3
Choose 3 credits (1 course) from the following:	3
ENGL 205	
ENGL 306	
ENGL 307	
Choose 9 credits (3 courses) from the list of Literature before 1800:	9
ENGL 243	
ENGL 319	
ENGL 320	
ENGL 324	
ENGL 336	
ENGL 337	
ENGL 340	
ENGL 341	
ENGL 342	
ENGL 348	
ENGL 491	
ENGL 492	
ENGL 493	
Choose 3 credits (1 course) from the list of Canadian Literature:	3
ENGL 374	
ENGL 376	
ENGL 377	
Options, Minor(s), or Primary or Secondary Major Requirements	12
	30

Year 4	Credits
Choose 12 credits (4 courses) from senior-level ENGL with a minimum of 6 credits (2 courses) at the 400-level if not previously completed in Year 3	12
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

English Course Offerings	
ENGL 102	Analysis and Argument
ENGL 103	Approaches to Literature: Trends and Traditions
ENGL 104	Approaches to Literature: Narrative Across Media
ENGL 105	Approaches to Literature: Contemporary Literature and Culture
ENGL 205	Rhetoric and Stylistic Analysis
ENGL 218	Reading Gender
ENGL 243	Genesis of English Literary Forms: Old English to Late Renaissance
ENGL 282	Introduction to the Short Story
ENGL 287	Introduction to Graphic Narrative
ENGL 288	Introduction to Film Narrative
ENGL 297	Academic Essay Writing
ENGL 320	Later Middle English Literature
ENGL 340	Studies in 17th Century English Literature
ENGL 341	Augustan Literature
ENGL 350	Topics in Romantic Literature
ENGL 368	Topics in Race and Gender
ENGL 381	Topics in Post-Colonial Literature

ENGL 386	Studies in Screen Narrative
ENGL 389	Topics in Children's Literature
ENGL 399	Methods in Literary Study
ENGL 405	Topics in Canadian Literature
ENGL 495	Twentieth Century Literature
Creative Writing Course Offerings	
CRWR 195	Introduction to Creative Writing
CRWR 295	The Craft of Writing
CRWR 305	Writing Poetry
CRWR 306	Writing Literary Non-Fiction
CRWR 314	Topics in Writing Fiction

Winter 2025

English Course Offerings	
ENGL 102	Analysis and Argument
ENGL 103	Approaches to Literature: Trends and Traditions
ENGL 104	Approaches to Literature: Narrative Across Media
ENGL 105	Approaches to Literature: Contemporary Literature and Culture
ENGL 216	Environmental Writing Since 1800
ENGL 217	Reading Race
ENGL 219	Readings in Speculative Fiction
ENGL 282	Introduction to the Short Story
ENGL 283	Introduction to the Novel
ENGL 285	Introduction to Poetry
ENGL 306	Advanced Grammar
ENGL 307	The History of the English Language
ENGL 337	English Renaissance Literature
ENGL 352	Early Victorian Literature
ENGL 364	Topics in 20th and 21st Century Literature
ENGL 368	Topics in Race and Gender
ENGL 374	Early Canadian Literature
ENGL 382	Topics in Literary Studies
ENGL 388	Topics in Film Studies
ENGL 391	Topics in Literary Theory
ENGL 401	Studies in Genres
ENGL 489	Literary Themes, Traditions, and Phenomena
Creative Writing Course Offerings	
CRWR 195	Introduction to Creative Writing
CRWR 295	The Craft of Writing
CRWR 316	Topics in Writing Literary Non-Fiction
CRWR 317	Topics in Creative Writing
CRWR 404	Advanced Seminar in Creative Writing

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

English Courses

ENGL 102
Analysis and Argument
3 Credits Weekly (3-0-0)
This course introduces students to the academic writing and scholarly sources that are the foundation of university education. Students become familiar with academic literacy and disciplinary conventions by reading and analyzing scholarly works. Students write their own analytic, thesis-driven essays, cultivate their own writing and revision processes, and learn to produce stylistically polished academic prose. NOTE: Students cannot receive credit for both ENGL 102 and WRIT 101.

ENGL 103
Approaches to Literature: Trends and Traditions
3 Credits Weekly (3-0-0)
Building on the foundation established by ENGL 102, ENGL 103 develops and deepens, through the reading and analysis of literary texts, the critical thinking, research, and writing skills that are applicable across the university curriculum. In ENGL 103, students are introduced to a selection of representative genres, authors, and texts in English. Texts to be studied may range from the past to the present, the medieval to the modern and contemporary. The organization and content of any given section depend upon the interests and expertise of the instructor: students might study a variety of works in two or three different genres, for example, or they might look at the development of a particular theme across genres, through time, or in a variety of works, or they might consider examples of literature from a variety of time periods, etc.; but in all sections students will study and analyze a range of English literary works, genres, forms, and writers. In every iteration of the course, students hone critical reading, thinking, writing, and research skills through literary study.
Prerequisites: A minimum grade of C- in ENGL 102 or in WRIT 101.

ENGL 104
Approaches to Literature: Narrative Across Media
3 Credits Weekly (3-0-0)
Building on the foundation established by ENGL 102, ENGL 104 develops and deepens, through the reading and analysis of literary texts, the critical thinking, research, and writing skills that are applicable across the university curriculum. In ENGL 104, students focus on narrative forms and techniques across a variety of media such as novels, short stories, films, video games, comics, etc. The central concern is the complex relationship between a story and the medium in which it is told. The content of a given section depends on the interests and expertise of the instructor. Students might consider the way in which a specific genre (or theme)--science fiction, horror, etc.--carries across diverse media; they might look at various adaptations of a particular story, or "universe"; or they might consider the ways in which a particular medium has developed out of (while diverging from) an older narrative form; etc. In every iteration of the course, students hone critical reading, thinking, writing, and research skills through literary study.
Prerequisites: A minimum grade of C- in ENGL 102 or in WRIT 101.

ENGL 105
Approaches to Literature: Contemporary Literature and Culture
3 Credits Weekly (3-0-0)
Building on the foundation established by ENGL 102, ENGL 105 develops and deepens, through the reading and analysis of literary texts, the critical thinking, research, and writing skills that are applicable across the university curriculum. In ENGL 105, students analyze how contemporary works of literature respond to significant cultural moments, events, and trends in the late-twentieth and twenty-first centuries. Students read a range of literary texts with a focus on analyzing, researching, and writing about emerging cultural issues in the world today. Specific content in any given section will vary according to instructor interest and expertise, but all sections will emphasize how literary texts reflect, shape, and contribute to their immediate cultural contexts. Students might study literary representations of topics related to gender, sexuality, race, class, or other markers of identity; topics related to a significant historical event, such as 9/11 or the Black Lives Matter movement; or topics that focus on cultural concepts in literary texts, such as the non-human, the Anthropocene, or Indigenous reconciliation. In every iteration of the course, students hone critical reading, thinking, writing, and research skills through literary study.
Prerequisite: A minimum grade of C- in ENGL 102 or in WRIT 101.

ENGL 111
Communications
3 Credits Weekly (3-0-0)
This course aims to help students improve their communication skills: writing, reading, speaking, and listening. The main emphasis, however, is on writing skills. Students write an expository and a persuasive essay, summarize written text, and apply principles of clear and correct writing to their own compositions. Students learn research and documentation strategies, and strengthen and expand their writing skills so that they can write more effectively for a variety of audiences and purposes. Students may choose from a number of delivery options that include classroom and online sections. Note: ENGL 111 is intended for students in diploma programs and does not satisfy the literacy requirement for degree programs.

ENGL 199
English for Engineering Students
3 Credits Weekly (3-0-0)
This course aims to develop the student's ability to provide effective written and oral information. It will focus on instruction in fundamental writing skills, including building effective sentences and paragraphs, and on learning to communicate clearly across a range of genres and media used in academic and professional contexts, including correspondence and presentations. Students will be introduced to the principles of information gathering, analysis, and citation. Note: This course is restricted to Engineering students.

ENGL 205
Rhetoric and Stylistic Analysis
3 Credits Weekly (3-0-0)
English 205 is an introduction to rhetorical and stylistic analysis of texts. The course focuses on how elements such as organization, structure, and syntax influence the reader's understanding and experience of the text. Students will study rhetorical and style terms as a framework for their anaysis and reading. The course stresses the development of analytic skills that are central to the study of literature.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 211
Business Communication
3 Credits Weekly (3-0-0)
This course focuses on effective problem-solving approaches in business writing. Letters, memos, emails, and reports, often presented in case study formats, aid in developing expertise in gathering and analyzing data, writing with a clear sense of purpose, and writing with a reader's needs clearly in mind. Although the principles of clear, concise business communication are covered, the main emphasis is on practical applications of these concepts.
Prerequisites: Three credits of ENGL *(*p. 725*) or WRIT 101.*

ENGL 215
Sports in Literature
3 Credits Weekly (3-0-0)
ENGL 215 builds on the reading, writing, and research skills students have acquired in first-year English. This course explores the intersection of literature, sports, and culture. Students read a selection of sports-themed literature across a variety of genres, including novels, graphic novels, short stories, poetry, literary journalism, biography, autobiography, and film. Selected texts represent a diverse range of sports and approaches. Students will also develop research writing skills and learn to write analytically about sports in literature.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 216
Environmental Writing Since 1800
3 Credits Weekly (3-0-0)
This course builds on the reading, writing, and research skills students have acquired in first-year English. Students will read a selection of texts from the field of environmental literature, a combination of classics that influenced the modern environmental movement and contemporary works that reflect current environmental issues. The selections will cross genres – nonfiction, short story, novel, poetry – and two-plus centuries, spanning from 1800 to the present. Themes will include the relationship between nature and spirituality, nature and creativity, the idea of wildness, a sense of place, conservation, biophilia, the Age of the Anthropocene, and climate change.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 218
Reading Gender
3 Credits Weekly (3-0-0)
ENGL 218 builds on the reading, writing, and research skills students have acquired in first-year English. This course offers students the opportunity to read literature in various genres and media dealing with issues, experiences, and representations of gender and sexuality—e.g., women's writing and queer writing. Students will also develop research writing skills and learn to write analytically about representations of gender. The specific approach is, in any given year, dependent on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 219
Readings in Speculative Fiction
3 Credits Weekly (3-0-0)
ENGL 219 builds on the reading, writing, and research skills students have acquired in first-year English. This course introduces students to a representative sampling of science fiction, fantasy, and/or horror. Students will examine the way these genres emerge from the broader category of speculative fiction in the late nineteenth century and then develop into a host of subgenres during the twentieth and twenty-first. From classics in early science fiction and fantasy to contemporary cyberpunk and steampunk, the course explores the style and function of fiction that speculates on worlds both possible and impossible. Students will also develop research writing skills and learn to write analytically about speculative fiction.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 240
The Bible as Literature
3 Credits Weekly (3-0-0)
ENGL 240 builds on the reading, writing, and research skills students have acquired in first-year English. From the Middle Ages to the present, writers have incorporated allusions to both the Hebrew Bible and the New Testament to enrich their texts. A grasp of the significance of these allusions deepens a reader's understanding and appreciation of many of the major works in English literature. This course focuses on prominent texts in the Bible such as Genesis, the Book of Job, Ecclesiastes, the Gospels, Revelation, and selected psalms and proverbs. Students will also develop research writing skills and learn to write analytically about the Bible as literature.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 243
Genesis of English Literary Forms: Old English to Late Renaissance
3 Credits Weekly (3-0-0)
ENGL 243 builds on the reading, writing, and research skills students have acquired in first-year English. This course is an introduction to genres and literary forms that emerged during the early development of English Literature. Students read a selection of texts from the Old English through late Renaissance periods and are introduced to literary analysis at a level beyond the first-year level. Potential texts include Beowulf, Piers Plowman, and the Towneley plays, as well as the writings of people like Gower, Marlowe, Donne, and Spenser. Students will also develop research writing skills and learn to write analytically about texts from this period.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 282
Introduction to the Short Story
3 Credits Weekly (3-0-0)
ENGL 282 builds on the reading, writing, and research skills students have acquired in first-year English. This course is an introduction to the main generic elements of the short story. Students read a selection of stories from the mid-nineteenth through early twenty-first centuries and are introduced to the basics of narrative theory. Students will also develop research writing skills and learn how to write analytically about fiction. Students will only receive credit for one of ENGL 282 and ENGL 206.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 283
Introduction to the Novel
3 Credits Weekly (3-0-0)
ENGL 283 builds on the reading, writing, and research skills students have acquired in first-year English. In this course, students study the main generic elements of the novel in English. Students read landmark novels from the eighteenth through twenty-first centuries and are introduced to the basics of narrative theory. Students will also develop research writing skills and learn how to write analytically about novels.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 284
Introduction to Drama
3 Credits Weekly (3-0-0)
ENGL 284 builds on the reading, writing, and research skills students have acquired in first-year English. In this course, students read a selection of plays from the last two and a half thousand years. This is a genre course in drama, introducing students to the diverse forms of dramatic literature (mostly from the Western canon) and to a number of major playwrights. The course focuses on elements of dramatic structure, aesthetics, and genre, within the context of theatre history and cultural history more broadly. Students will also develop research writing skills and learn to write analytically about plays and playwrights.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 285
Introduction to Poetry
3 Credits Weekly (3-0-0)
ENGL 285 builds on the reading, writing, and research skills students have acquired in first-year English. In this course, students read a selection of mostly short English poems from the last thousand years. This is a genre course in poetry; it approaches the very broad and historically malleable genre of poetry through the basic elements of poetic language and form. Students will also develop research writing skills and learn to write analytically about poems. Note: Not to be taken by students with credit in the former English 293.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 286
Introduction to Literary Non-Fiction
3 Credits Weekly (3-0-0)
ENGL 286 builds on the reading, writing, and research skills students have acquired in first-year English. In this course students study various forms of literary non-fiction, such as the memoir, the personal/familiar essay, biography, travel literature, and literary journalism. Selected works are drawn from across a range of national literatures and time periods, with an emphasis on modern texts. Students are introduced to the basics of narrative theory and key theoretical issues related to literary non-fiction. Students will also develop research writing skills and learn to write analytically about literary non-fiction.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 287
Introduction to Graphic Narrative
3 Credits Weekly (3-0-0)
ENGL 287 builds on the reading, writing, and research skills students have acquired in first-year English This course provides students an opportunity to explore the medium of graphic narratives. In any given iteration of the course, students will learn how comics, graphic novels, or illustrated editions of prose construct narratives. Students will study a selection of primary texts alongside secondary and theoretical selections which will help them analyze and appreciate graphic narratives. Students will also develop research writing skills and learn how to write analytically about graphic narratives.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 288
Introduction to Film Narrative
3 Credits Weekly (3-0-0)
ENGL 288 builds on the reading, writing, and research skills students have acquired in first-year English. In this course, students study the main generic elements of narrative in film. Students are exposed to those aspects of cinematic storytelling that cannot be adapted by or from other media (such as the novel) while also exploring film's various inheritances and influences. Students will also develop research writing skills and learn to write analytically about narrative in film.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 297
Academic Essay Writing
3 Credits Weekly (3-0-0)
ENGL 297 aims to increase students' ability to write and understand non-fiction expository prose, including academic writing. Students study style and rhetoric, the relationship between form and content, the theory and practice of composition, and the processes of revision to improve their academic writing skills. This is not a remedial course in grammar or in basic essay writing skills, though there may be some review of these matters; rather, the class focuses on honing students' expository writing and critical reading, writing, and analytical skills. Revising, editing, and essay workshopping may constitute a significant component of class time. While specific writing assignments may vary from section to section, all students write a total of 5000 words, including at least one in-class essay. A major research assignment may also be included. There is no final examination. Note: Not to be taken by students with credit in ENGL 299.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 306
Advanced Grammar
3 Credits Weekly (3-0-0)
English 306 immerses students in the study of structural grammar as a tool for understanding how the structure of sentences impacts readers. This is not a remedial study of mechanics or linguistic conventions. This course will provide students with a clear understanding of the structural elements of English and provide opportunities to practice analyzing texts using grammar as a lens. Students will also practice using their knowledge of structural grammar to improve their own writing. Note: Not to be taken by students with credit in the former English 207.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 307
The History of the English Language
3 Credits Weekly (3-0-0)
This course traces the history of English from its earliest Indo-European roots to the Early Modern period. Taking both a linguistic and historical perspective, the course examines how English sounds, spelling, semantics, vocabulary, grammar, and syntax have developed, as well as the cultural, historical, and literary contexts within which these changes occurred. Examples of Old, Middle, and Early Modern English literary texts help illustrate the nature, mechanisms, and inevitability of language change and how these apply to the diversity and vitality of the English language.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 319
Earlier Medieval English Literature
3 Credits Weekly (3-0-0)
This course examines the poetry and prose of one of the longest, richest, and most significant periods of English literature. From the world of Beowulf to the Anglo-Norman court, from Old English epic and elegy to early medieval lyric and romance, the themes and forms from this period have reverberated throughout English literature and inspired countless writers down to our own time, including Tolkien and Lewis. Students read most works in translation, although some early Middle English works may be read in the original.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 320
Later Middle English Literature
3 Credits Weekly (3-0-0)
This course focuses on the literature of fourteenth and fifteenth-century England by examining a selection of poetry, prose and drama from one of the richest periods of English literature. From tales of chivalry to Arthurian adventure; romance to religious mysticism; lyrical love poetry to witty satire and bawdy humour, this period has near-unrivalled diversity and depth and is crucial for understanding much of how English literature develops in subsequent centuries. Students read most works in the original Middle English.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 324
Chaucer
3 Credits Weekly (3-0-0)
This course focuses on the works of Geoffrey Chaucer, one of the greatest poets in English literature. Chaucer's place in English literature is central; his poetry in its rich diversity has influenced writers in English from Shakespeare to Tolkien. The Canterbury Tales are justly considered his masterpiece, but just as accomplished and equally influential are the early dream visions and the great love poem Troilus and Criseyde. Despite the passage of time, Chaucer's works in their humour, compassion, and beauty remain fresh, accessible, and, in many ways, surprisingly contemporary.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 336
Studies in Shakespeare
3 Credits Weekly (3-0-0)
This course introduces students to the range and depth of Shakespeare's drama through the attentive reading of a variety of plays. Comedies, histories, tragedies, and romances allow students to understand Shakespeare's thought and the dramatic genres in which he wrote. Note: Not to be taken by students with credit in the former English 239 or 338.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 337
English Renaissance Literature
3 Credits Weekly (3-0-0)
This course explores the literature of the English Renaissance from about 1485 to about 1603. The course begins with a consideration of the early Tudor Period, including the reigns of Henry VII and Henry VIII (1485-1548), as well as selections from the mid-Tudor and Elizabethan periods (1549-1603). Besides surveying the poetry of the period starting with Wyatt, Surrey, and Skelton, the course can include selected Renaissance prose works such as Thomas More's Utopia and Sidney's Defence of Poetry. At the discretion of the instructor the course may also include one or more Non-Shakespearean Renaissance English Plays.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 340
Studies in 17th Century English Literature
3 Credits Weekly (3-0-0)
The seventeenth century was a period of revolution and remarkable literary experimentation. The decades between 1600 and the restoration of the monarchy experienced dramatic social change, religious upheaval, a regicide, scientific discovery, and expanding colonization of the "New World." This period also produced some of the most influential works of English literature. The course examines a representative range of poetry and prose by writers as diverse as Donne, Jonson, Marvell, Herbert, Wroth, Bacon, Bunyan, Behn, Hobbes, Burton, Cavendish, Walton, and Winstanley.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 341
Augustan Literature
3 Credits Weekly (3-0-0)
Students study the authors, works, and genres that were predominant in the Augustan Age and broader Neoclassical Period, between 1660 and 1785. This course includes a selection of drama, fiction, essays, and poetry by eighteen-century writers such as John Dryden, Alexander Pope, Jonathan Swift, Lady Mary Wortley Montagu, and Samuel Johnson.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 342
Topics in the Literature of the Long Eighteenth Century
3 Credits Weekly (3-0-0)
Students focus on a single topic in the literature of the long eighteenth century (1660-1790), such as a particular genre (drama, poetry, the novel, prose), author, group of authors, region, or theme. This course may be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 348
Milton
3 Credits Weekly (3-0-0)
This course examines the achievements of John Milton, in both prose and in verse. The course primarily focuses on the major works of Milton: Paradise Lost, Paradise Regained, and Samson Agonistes, but it also examines a select number of Milton's minor poems and prose works.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 350
Topics in Romantic Literature
3 Credits Weekly (3-0-0)
Conventionally book-ended by the French Revolution in 1789 and the beginnings of modern democratic reform in 1832, the Romantic period in Britain was a time of intense social and political upheaval. This course acquaints students with the diverse literature of the period in relation to its complex and volatile literary, intellectual, and historical contexts. Each iteration of this course focuses on a single topic within Romantic literature, such as a single genre, theme, or generation of authors. The specific topic and approach depends on the expertise of the instructor. This course can be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 352
Early Victorian Literature
3 Credits Weekly (3-0-0)
In the literature of this earlier Victorian period marked by energetic and momentous change, writers conveyed a multitude of doubts about religious faith and changing gender roles, while also voicing moral quandaries about class privilege and imperial rule. This course explores selected fiction, poetry, and non-fiction (from 1832 to 1870) in the context of the dominant ideological concerns which show Victorians as self-consciously modern and engaged in vigorous self-scrutiny.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 353
Later Victorian Literature
3 Credits Weekly (3-0-0)
This course focuses on the late nineteenth-century reaction to the aesthetic, religious, and sexual mores of the preceding ""high"" Victorian period. The closing century's apocalyptic tenor finds expression in metaphors and themes of the period's literature, concerns embodied discursively in response to the New Imperialism, the New Woman, and the Aesthete or Decadent. The course looks at selected fiction, poetry, and non-fiction (from about 1860-1900) in the context of contemporary cultural anxieties about social upheaval, gender crisis, and moral turmoil, the dialectic of change enacted in Pre-Raphaelitism and the Aesthetic and Decadent movements of the 1890s.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 358
19th Century American Literature
3 Credits Weekly (3-0-0)
This course is a study of representative literary texts from the period by a variety of major authors. Novels, poetry, and essays are all represented. Authors include some of the following: Philip Freneau, J. F. Cooper, J. R. Lowell, E.A. Poe, R.W. Emerson, Margaret Fuller, Henry Thoreau, Frederick Douglass, Nathaniel Hawthorne, Herman Melville, Harriet Beecher Stowe, Walt Whitman, Fanny Fern, Emily Dickinson, Henry James, William Dean Howells, Mark Twain, Henry Adams, Kate Chopin, Stephen Crane, Frank Norris, and Paul Laurence Dunbar.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 361
Early 20th Century American Literature
3 Credits Weekly (3-0-0)
In this course, students study representative American texts spanning from the early twentieth century to the cold war. A broad range of early to mid-twentieth century genres is considered – e.g., novels, short stories, poems, plays, and films. The works are analyzed closely and placed within their historical and cultural context – especially the wars and development of “the American Century.” Students are exposed to authors as varied as Chesnutt, Lowell, Larsen, Dreiser, Eliot, Faulkner, Moore, Hemingway, Hurston, Stein, Wharton, Ellison, and O’Connor.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 362
Contemporary American Literature
3 Credits Weekly (3-0-0)
In this course, students study representative American texts spanning from the Cold War to the present moment. A broad range of late-twentieth and twenty-first century genres are considered – e.g., novels, short stories, poems, plays, comics, and films. The course focuses on narrative innovations as well as the persistence of traditional American styles in a rapidly changing social, cultural, and ideological environment. Students are exposed to authors as varied as Ginsberg, Barth, Plath, Reed, Brooks, Pynchon, Barthelme, Kingston, Erdrich, Morrison, Acker, Mamet, Franzen, Miller, Tarantino, Eggers, and Danielewski.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 364
Topics in 20th and 21st Century Literature
3 Credits Weekly (3-0-0)
By maintaining a focus on a single topic related to literary and narrative production in the twentieth and twenty-first centuries, this course allows students to supplement ENGL 361, ENGL 362, ENGL 365, ENGL 366, ENGL 376, & ENGL 381. Each iteration of the course is organized around a single author, group of authors, genre, region, or theme. The specific topic and approach, in any given year, depends on the expertise of the instructor. This course can be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 365
Early 20th Century British & Anglophone Literature
3 Credits Weekly (3-0-0)
This course involves a close study of representative British and Anglophone texts from the first half of the twentieth century, the modernist period. A broad range of genres is considered, such as novels, short stories, poems, plays, and films. Works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Writers studied may include but are not limited to Mulk Raj Anand, W. H. Auden, Elizabeth Bowen, Joseph Conrad, Ford Madox Ford, E. M. Forster, Christopher Isherwood, Henry James, James Joyce, Hugh MacDiarmid, D. H. Lawrence, Dorothy Richardson, Jean Rhys, George Bernard Shaw, Evelyn Waugh, and Virginia Woolf.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 366
Contemporary British and Anglophone Literature
3 Credits Weekly (3-0-0)
This course surveys representative British and Anglophone texts from the second half of the twentieth century and beyond. A broad range of genres may be considered, such as novels, short stories, poems, plays, and films. These works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Writers studied may include but are not limited to Martin Amis, Julian Barnes, A. S. Byatt, Anthony Burgess, Angela Carter, Ian Fleming, Seamus Heaney, Tony Harrison, Kazuo Ishiguro, Hanif Kureishi, Doris Lessing, David Lodge, Hilary Mantel, Ian McEwan, Iris Murdoch, V. S. Naipaul, Harold Pinter, Salman Rushie, Zadie Smith, Muriel Spark, and Tom Stoppard.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 368
Topics in Race and Gender
3 Credits Weekly (3-0-0)
By focusing on a broad theme or topic, this course allows students to look closely at the way in which issues of race and/or gender inform and are informed by narrative representations. While students may consider theoretical debates associated with problems of race or gender, the course concerns itself primarily with literary works that engage in, run alongside, or frustrate those debates. Each iteration of the course is organized around a single, author, group of authors, genre, period, locale, and/or theme. The specific topic and approach is, in any given year, dependent on the expertise of the instructor. This course can be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 374
Early Canadian Literature
3 Credits Weekly (3-0-0)
This course involves a close study of representative Canadian texts from the beginnings of Canadian literature through first half of the twentieth century. A broad range of genres may be considered, such as novels, short stories, poems, plays, and films. Works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Students study Canadian authors from a variety of backgrounds.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 376
Contemporary Canadian Literature
3 Credits Weekly (3-0-0)
This course covers key developments in Canadian culture and literary works during this period when our literature came of age. Major authors achieved international acclaim, a rich diversity emerged in literary themes and forms, and marginalized narratives of class, race, gender, and the environment moved to the literary centre. These developments occurred against the backdrop of the maturing of Canada into one of the globe's most peaceful and economically stable multicultural nations.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 377
Studies in Indigenous Literature
3 Credits Weekly (3-0-0)
This course covers a number of works of Indigenous literature, ranging from collected oral folk tales and myths of the pre-contact period to print literature and films of the post-contact period. The course covers how Indigenous works of the pre-contact period convey Indigenous cultural world-views that contrast sharply with that of settler or colonial culture. The course examines Indigenous texts and films of the post-contact period as resisting colonial culture and promoting the survival of tribal cultures and languages. The course clarifies Indigenous perspectives on historical issues such as residential schools, missing and murdered indigenous women, and the treatment of Indigenous peoples in the non-Indigenous justice system. The course also considers the approaches advocated in Indigenous texts on the way forward, for Indigenous and non-Indigenous peoples, toward restitution and reconciliation.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 381
Topics in Post-Colonial Literature
3 Credits Weekly (3-0-0)
By focusing on a theme or topic, this course allows students to closely read literature from one or more regions that have experienced colonization. The course primarily concerns itself with literary works, although some introductory readings in postcolonial theory may supplement and/or complement the selected literature. Each iteration of the course is organized around a single author, group of authors, genre, theme, geographical area, or literary or linguistic tradition. The specific topic and approach is, in any given year, dependent on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department. Note: This course may be taken twice for credit, provided the course topic is different.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 382
Topics in Literary Studies
3 Credits Weekly (3-0-0)
This course gives students the opportunity to study works that deal with a single theme, such as the outsider or the child in literature, or works that exemplify a single tradition, such as naturalism or the lyric poem. Each iteration of the course is organized around a single author, group of authors, literary tradition, region, or theme. The specific topic and approach, in any given offering, depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department. This course may be taken twice if the topic is different.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 383
Topics in World Literature
3 Credits Weekly (3-0-0)
By focusing on a theme or topic, this course allows students to closely read world literature: either literature in translation from one or more literary traditions outside of English, or Anglophone literature from areas or regions outside of North America, the United Kingdom, or Australia. The course primarily concerns itself with translated literary works and/or Anglophone world literature, although some introductory readings in theory of world literature and/or translation may supplement and/or complement the selected literature. Each iteration of the course is organized around a single author, group of authors, genre, theme, geographical area, or literary or linguistic tradition. The specific topic and approach is, in any given year, dependent on the expertise of the instructor. This course may be taken twice for credit, as long as the topic is different.For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 386
Studies in Screen Narrative
3 Credits Weekly (3-0-0)
This course provides students with an opportunity to explore historical, global, cultural, aesthetic, and narrative perspectives concerning screen culture, with a particular focus on the impact that moving images have had on narrative and storytelling from the nineteenth century to the present day. The focus of a given section will depend on the expertise of the instructor, but the course generally considers how representations on screen have historically and culturally impacted narrative production both within and against the dominant screen genres of film and television. Course content examines formal and theoretical terms and concepts in the study of screen cultures and encourages students to think critically about the historical and material conditions through which visual technologies and narratives are produced and experienced by viewers in a range of traditional and emerging screen media.
Prerequisites: A minimum grade of C- in ENGL 288 or BCSC 205.

ENGL 387
Studies in Film Adaptation
3 Credits Weekly (3-0-0)
This course provides students an opportunity to explore (in-depth) the methods and narrative consequences of film adaptation. In any given iteration of the course, students will consider source texts alongside their cinematic counterparts. Source texts may include novels, short stories, plays, narrative poems, comics, video games, or even popular songs. The focus of a given section will depend on the expertise of the instructor. However, the singular goal across all iterations will be to consider how film tells stories—and how, more broadly, a story is always defined by its medium.
Prerequisites: A minimum grade of C- in ENGL 288 or BCSC 205.

ENGL 388
Topics in Film Studies
3 Credits Weekly (3-0-0)
This course provides students an opportunity to explore (in-depth) a specific theme, topic, or problem related to film narrative and criticism. Each iteration of the course will define and sustain a specific focus – on, for instance, a specific region or era of film production, specific forms of animation, the evolution of a single genre (science fiction, horror, comedy, etc.), the process and problems of adaptation, the works of a single auteur or group of auteurs, etc. Note: This course may be taken twice for credit if the topic is different.
Prerequisites: A minimum grade of C- in ENGL 288 or BCSC 205.

ENGL 389
Topics in Children's Literature
3 Credits Weekly (3-0-0)
This course offers various studies in the realm of Children's literature. Individual iterations of the course can focus on classics of children's literature, folktale and children's literature, or the child in literature. This course may be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 391
Topics in Literary Theory
3 Credits Weekly (3-0-0)
By focusing on a specific theme or topic associated with literary and cultural theory, this course encourages students to consider the way in which theoretical debates inform the practice of narrative production and study. In any given iteration of the course, students are exposed to a variety of primary texts by influential theorists—e.g., Plato, Aristotle, Marx, Freud, Kristeva, Mulvey, Said, Butler, Hayles, and Žižek. Each iteration functions as a focused survey of influential theoretical texts and an introduction to theory as a tool for literary interpretation; but the specific topic and approach is, in any given year, dependent on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in 6 credits of 200- or 300-level university courses.

ENGL 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

ENGL 401
Studies in Genres
3 Credits Weekly (0-0-3)
This course gives students the opportunity to focus on a single genre or to compare two or more genres. Because genre is such a fluid term, the works studied and approach to genre will depend in any given year on the interests and expertise of the instructor. The course could, for example, focus on a specific type of poem, such as the sonnet or the dramatic monologue, on a specific type of novel such as the gothic novel or the bildungsroman, on a specific type of drama, such as Restoration Comedy, or on a specific type of non-fiction, such as the essay or biography. Alternatively, students could focus on a genre such as satire and study a variety of types of satiric literature that could include poems, essays, stories, novels, and drama.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 402
Studies in Authors
3 Credits Weekly (0-0-3)
This course focuses on the works of a single author. In any given year, the author studied and the approach to the works depends on the interests and expertise of the instructor. Through a close examination of the works of a single author, students get a better sense of the social and cultural context in which the author lived and worked. Students also strengthen their knowledge of how the central ideas and techniques of the author developed and changed.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 405
Topics in Canadian Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of Canadian literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to Canadian literature. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 481
Post- Colonial Theory and Practice
3 Credits Weekly (0-0-3)
This course surveys the key works in post-colonial theory, validating the status of post-colonial literature as a vibrant segment of contemporary writing in English. Seminal thinkers and significant scholars such as Frantz Fanon, Edward Said, Aimé Césaire, Gayatri Chakravorty Spivak, and Robert Young are covered. Postcolonial theory is meaningfully used as a tool for in-depth analysis of major primary texts, representing various regions, political perspectives, and cultural affiliations. While most of the works studied are written in English, postcolonial texts translated into English may be included. Authors such as Chinua Achebe, Salman Rushdie, Nadine Gordimer, Arundhati Roy, V.S. Naipaul, and Ahdaf Soueif are studied.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 489
Literary Themes, Traditions, and Phenomena
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study works that deal with a single theme, such as the outsider or decadence; or works that exemplify a single tradition, such as naturalism or the Arthurian tradition; or works that exemplify a particular phenomenon, such as imagism or literary forgeries.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 491
Early and Later Middle English
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more detail one or more authors and/or genres of Early and Later Middle English. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 492
Elizabethan/17th Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study one or more authors and/or genres of Elizabethan and seventeenth century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 493
Restoration/Eighteenth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of Restoration and Eighteenth Century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C - in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 494
Nineteenth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of nineteenth century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C - in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 495
Twentieth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of twentieth-century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300- level ENGL *(*p. 725*) courses.*

ENGL 496
Intersections - Theory and Culture
3 Credits Weekly (0-0-3)
Focused on the ways in which critical theory exposes, critiques, and/or participates in literary and cultural movements, this course provides students with the opportunity to study critical theory within the context of the cultural trends it defines and exemplifies. Sections could be organized around any number of topics, including (but not limited to) the rise and fall of deconstruction, the death of the author, communal individuality, hypertext and post humanity, race and performativity, literary Marxism, the text and the unconscious, discourse and power, postmodern subjectivities, and the ethical turn.
Prerequisites: A minimum grade of C- in ENGL 267, 391, 392, 393, or 394 and in 9 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 497
Twenty-First Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of twenty-first century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author/s studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

ENGL 499
Honours Thesis Seminar
3 Credits Total (0-0-45)
ENGL 499 is a required seminar-style course for all students writing their Honours Thesis with a designated faculty supervisor. Taught by a single instructor, the course provides instruction, guidance, and constructive feedback for students throughout the term, specifically related to methodology, argumentation, writing, editing, revising, and presenting. Classes combine explicit instruction in these areas with peer review and wellness check-ins to ensure students have the skills they need and remain on track during the thesis-writing process. Readings include sources in critical methodology, literary studies, and composition. Throughout the term, students also work with their designated faculty supervisor, who provides subject-specific expertise and content-related direction.
Prerequisites: A minimum grade of B- in ENGL 399.

Other Courses

The English department offers courses in Creative Writing (CRWR (p. 696)), Comparative Literature (COMP (p. 693)), and Linguistics (LING (p. 768)). In addition, the English department offers WRIT 101.

General Major - Bachelor of Music

Overview

The General major follows a prescribed Program of Study in addition to the common core courses students take in their first year. Students choose from music options and non-music electives to customize their program.

Students can remain undeclared or declare a minor in the following:

- Music Career Management
- Music Education
- Music Technology and Production[1]
- Songwriting

1

Competitive Minor.

Bachelor of Music

Faculty of Fine Arts and Communications
MacEwan.ca/MusicDegree (http://MacEwan.ca/MusicDegree/)

The Bachelor of Music focuses on the study of jazz and contemporary popular music, responds to the current demands of the industry and combines a high degree of professionalism along with the academic rigour required for further education at the graduate level. The opportunity to study with internationally renowned professionals while following a challenging academic curriculum will give you the skills, insights, competency and credentials to pursue a career as a performer, creator and leader in the evolving music industry.

Year 1

All Bachelor of Music students share a common curriculum in the first year that focuses on individual study (voice, piano, guitar, bass, drums, winds, brass or violin), performance ensemble, theory (jazz and traditional), aural skills, and musicology).

years 2-4

After successful completion of the first year, students pursue a major route (specialized Program of Study).

Major routes include: Composition, General, Performance, and Recording and Production. Students following the four-year General route also have the opportunity to pursue one of four unique minors: Music Career Management, Music Education, Music Technology and Production, or Songwriting.

Students can obtain a diploma credential after completing their second year.

Career Potential

The Department of Music has been training some of Canada's most talented musicians for over 50 years. The Bachelor of Music prepares students for the music profession and for further studies at the graduate level. Graduates have gone on to successful careers as performers, songwriters, arrangers, composers, electronica creators, sound designers, recording engineers and producers, record distributors, music managers, agents, marketers and promoters, music directors, accompanists, sound technicians, technologists, consultants, educators, researchers and academics. The Department of Music has a world-class faculty that includes highly skilled performers, creators, educators and academics, many of whom hold doctorates and master's degrees in music as well as a variety of regional, national and international awards.

Contact Information

musicdegree@macewan.ca

Degree Requirements

Program Element	Description	Credits
Core Year Requirements	Students complete 30 credits of Music courses and 6 credits of university English (ENGL) courses.	36
Major Requirements	Students complete 38 to 74 credits of required Music courses in their chosen major. The number of required courses varies by major.	38-74
Minor Requirements	Students in the General Major complete 15 to 18 credits in one of the four minors: Music Career Management, Music Education, Music Technology and Production, or Songwriting. Students in the General Major also have the option of having no minor.	15-18
Program Options	Students complete 6 to 36 credits of program options, depending on their chosen major. The number of program options students complete varies by major.	6-36
Electives	Students complete 12 to 18 credits of electives. The number of electives students complete varies by major.	12-18
Total		**128**

Core Year Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose an ENGL course from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	

ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
MUSC 103	Theory I: Introduction to Music Theory	3
MUSC 104	Theory II: Harmony, Voice Leading, and Function	3
MUSC 111	Ear Training I	3
MUSC 112	Ear Training II	3
MUSC 123	Musicology I: Historical Musicology	3
MUSC 124	Musicology II: Popular Music Studies	3
MUSC 131	Principal Instrument I	3
MUSC 132	Principal Instrument II	3
MUSC 141	Master Class I	3
MUSC 142	Master Class II	3
MUSC 188	Performance Ensemble [1]	0
MUSC 189	Performance Ensemble [1]	0
Total Credits		**36**

1

The minimum passing grade for this course is CR.

Major Requirements

Code	Title	Credits
MUSC 201	Theory III: Jazz Harmony and Analysis	3
MUSC 202	Theory IV: Chromatic Harmony, Form and Analysis	3
MUSC 213	Ear Training III	3
MUSC 214	Ear Training IV	3
MUSC 215	Functional Keyboard I	1.5
or MUSC 217	Accompanying I	
MUSC 216	Functional Keyboard II	1.5
or MUSC 218	Accompanying II	
MUSC 221	Applied Instrument I	1.5
MUSC 222	Applied Instrument II	1.5
MUSC 263	Introduction to Music Technology and Production	3
MUSC 294	Performance Ensemble [1]	0
MUSC 295	Performance Ensemble [1]	0
MUSC 313	Arranging I: Introduction to Arranging	3
MUSC 361	Introduction to Music Career Management	3
MUSC 396	Performance Ensemble	1
MUSC 397	Performance Ensemble	1
MUSC 424	Ethnomusicology	3
MUSC 426	History of Electro-Acoustic Music	3
MUSC 427	Cultural Studies of Music	3
Minor Requirements		
Students complete 15 to 18 credits, depending on their minor. The specific minor requirements are listed below.		15-18
Program Options		
Students choose 18 to 36 credits of options, depending on their minor. The specific option requirements by minor are listed below:		18-36
Music Career Management Minor: Choose 21 credits of options, with at least 3 credits from Music Technology and Production options		
Music Education Minor: Choose 24 credits with at least 3 credits from Music Career Management options and 3 credits from Music Technology Production options		
Music Technology and Production Minor: Choose 21 credits of options with at least 3 credits from Music Career Management options		
Songwriting Minor: Choose 18 credits of options, with at least 3 credits from Music Career Management options and 3 credits from Music Technology and Production options		
No Minor: Choose 36 credits of options, with at least 3 credits from Music Career Management options and 3 credits from Music Technology and Production options		
Electives		
Students choose between 12 and 18 credits of electives, depending on their minor. INTA courses may be used as electives, except INTA 360, which is a program option. The specific elective requirements by minor are listed below:		12-18
Music Education Minor: Choose 12 credits of electives, with at least 6 credits at the senior level [2]		
All Other Minors: Choose 18 credits of electives, with at least 9 credits at the senior level		
Total		**92**

1

The minimum passing grade for this course is CR.

2

Students enrolled in the Music Education Minor who wish to obtain an Education After Degree from another institution may choose to complete all 12 credits of electives at the senior level in a secondary teaching practice. Students should consult with the institution offering the Education After Degree to seek guidance on which electives will transfer to the program.

Minor Requirements

Music Career Management Minor

Overview

The Music Career Management minor offers a Program of Study that prepares students to enter the industry in a variety of roles including managers and agents, promoters and marketers, advocates, curators, and consultants. Courses address health issues related to the music profession, the business of music, marketing, branding, promotion, and artist and career development. The program of study includes core Bachelor of Music courses in performance, theory, aural skills, cultural studies of music, and music technology.

A minor in Music Career Management follows a prescribed Program of Study in addition to the common core courses students will take in their first year. Students choose from music options and non-music electives to customize their program.

Code	Title	Credits
Minor Requirements		**Credits**
In addition to MUSC 361, which is also listed under General Major Requirements, students complete:		
MUSC 362	The Business of Music	3
MUSC 476	Health Issues and the Professional Musician	3
Minor Options		
Choose 9 credits from Music Career Management options		9
Total Credits		**15**

Music Education Minor

Overview

The Music Education minor offers a Program of Study that prepares students to pursue after-degree studies in education with a music focus following completion of the MacEwan Bachelor of Music. Music Education courses include conducting, technique courses in band instruments, and foundational courses required to teach in primary and secondary education. The program of study also includes core Bachelor of Music courses in performance, theory, aural skills, cultural studies of music, music technology, and the business of music.

The Music Education minor follows a prescribed Program of Study in addition to the common core courses students will take in their first year. Note that the Province of Alberta requires teachers to have a secondary teaching practice, so this route is designed for students to acquire the appropriate, non-music courses in the elective spaces to help them meet this requirement.

Code	Title	Credits
Minor Requirements		**Credits**
EDUC 100	Contexts of Education	3
EDUC 210	Introduction to Educational Technology	3
MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3
Total Credits		**18**

Music Technology and Production Minor

Overview

The Music Technology and Production minor offers a Program of Study that prepares students to enter the industry in a variety of roles. Courses in this minor include recording studio and production techniques, acoustics, and applications in music technology. Students acquire professional-level skills in AVID Pro Tools and other essential industry-standard software. The program of study also includes core Bachelor of Music courses in performance, theory, aural skills, cultural studies of music, and the business of music.

The Music Technology and Production minor follows a prescribed Program of Study in addition to the common core courses students will take in their first year. Students choose from music options and non-music electives to customize their program.

Code	Title	Credits
Minor Requirements		**Credits**
In addition to MUSC 263, which is also listed under General Major Requirements, students complete:		
MUSC 364	Applications in Music Technology I	3
MUSC 366	Introduction to the Recording Studio	3
MUSC 465	Applications in Music Technology II	3
MUSC 467	Recording Studio Production	3
MUSC 468	Acoustics	3
Total Credits		**15**

Songwriting Minor

Overview

The Songwriting minor is unique in Canada. This minor recognizes the specialized needs of the songwriter in today's and tomorrow's creative industry, and presents an innovative Program of Study that integrates all aspects of the art and craft of songwriting including creation, performance, recording and production, and business and marketing.

A minor in Songwriting follows a prescribed Program of Study in addition to the common core courses students will take in their first year. Students enter the minor after completing their first year of the Bachelor of Music and choose from music options and non-music electives to customize their program.

Code	Title	Credits
Minor Requirements		
MUSC 207	Songwriting I	3
MUSC 208	Songwriting II	3
MUSC 321	Advanced Songwriting	3
MUSC 365	Recording and Production Techniques	3
MUSC 485	Seminar in Songwriting I	3
MUSC 486	Seminar in Songwriting II	3
Total Credits		**18**

Program Options

Students choose options from the categories below. The number of options students must choose varies by minor and may not be offered every year. If courses are required by a specific minor, they cannot also be used as options. Please note that not all options are offered every year and are subject to space availability.

Music Career Management Options

AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 225	Performing Arts Management	3
AGAD 226	Museum and Gallery Management	3
AGAD 227	Managing in the Music Industry	3
AGAD 300	Internal Practicum in Arts Management	3
AGAD 301	Cultural Policy and Advocacy	3
MUSC 362	The Business of Music	3
MUSC 476	Health Issues and the Professional Musician	3

Music Technology and Production Options

MUSC 219	Technical Ear Training	3
MUSC 253	Live Sound Reinforcement I	3
MUSC 254	Live Sound Reinforcement II	3
MUSC 364	Applications in Music Technology I	3
MUSC 365	Recording and Production Techniques	3
or		
MUSC 366	Introduction to the Recording Studio	
MUSC 367	Analog and Digital Signal Processing	3
MUSC 368	Psychoacoustics	3
MUSC 465	Applications in Music Technology II	3
MUSC 467	Recording Studio Production	3
MUSC 468	Acoustics	3
MUSC 469	Mastering	3

Music Education Options

MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3

Other Music Options		
INTA 360	The Arts and Pedagogy	3
MUSC 207	Songwriting I	3
MUSC 208	Songwriting II	3
MUSC 211	Composition I	3
MUSC 220	Jazz History in Cultural Context	3
MUSC 301	Special Project I	1
MUSC 302	Special Project II	2
MUSC 303	Special Project III	3
MUSC 380	Directed Project	3
MUSC 415	Orchestration	3
MUSC 416	Scoring for Film and Other Visual Media	3
MUSC 482	Independent Study	3
MUSC 498 & MUSC 499	Performance Ensemble and Performance Ensemble	3

Diploma Exit

Students are eligible for a diploma in General after the completion of Year 2 of the Bachelor of Music - General major Program of Study. For more information about the diploma, please see Degree Regulations.

Year 1 Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
MUSC 103	Theory I: Introduction to Music Theory	3
MUSC 104	Theory II: Harmony, Voice Leading, and Function	3
MUSC 111	Ear Training I	3
MUSC 112	Ear Training II	3
MUSC 123	Musicology I: Historical Musicology	3
MUSC 124	Musicology II: Popular Music Studies	3
MUSC 131	Principal Instrument I	3
MUSC 132	Principal Instrument II	3
MUSC 141	Master Class I	3
MUSC 142	Master Class II	3
MUSC 188	Performance Ensemble [1]	0
MUSC 189	Performance Ensemble [1]	0
Total Credits		**36**

1

The minimum passing grade for this course is CR.

Year 2 Requirements

Code	Title	Credits
MUSC 201	Theory III: Jazz Harmony and Analysis	3
MUSC 213	Ear Training III	3
MUSC 214	Ear Training IV	3
MUSC 215	Functional Keyboard I	1.5
or MUSC 217	Accompanying I	
MUSC 216	Functional Keyboard II	1.5
or MUSC 218	Accompanying II	
MUSC 263	Introduction to Music Technology and Production	3
MUSC 294	Performance Ensemble [1]	0
MUSC 295	Performance Ensemble [1]	0
MUSC 361	Introduction to Music Career Management	3
Program Options		
Choose 9 credits of program options from the list of available options under Major Requirements		9
Electives		
Choose 3 credits from junior- or senior-level electives		3
Total Credits		**30**

Degree Regulations

Declaration of a Major and Minor (Concentration)

Students are required to declare a major and minor concentration, where applicable, within their first year. Major and Minor declarations may be submitted starting September 1. Competitive declarations close on January 15 and non-competitive declarations on February 15. Students are required to consult with the appropriate section head and the department's university advisor in determining their major or minor choice.

Students who declare a major in Composition, Performance, or Recording and Production, should note that these majors are competitive.

Students who declare the General major may choose to declare a minor in Music Career Management, Music Education, Music Technology and Production, or Songwriting. Students should note that the minor in Music Technology and Production is competitive.

Please note, when you declare your major, you must also select the same instrument that you were admitted with.

Graduation Recitals – Performance and Composition Majors

Students in the Performance and Composition majors must undertake juried public graduation recitals in the fourth year of their program.

- The Performance major recital involves a program of works performed on the major (principal) instrument in ensemble and solo settings that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.
  - Students in the Performance major must also successfully complete an area examination in preparation for their graduation recital.
- The Composition major recital involves a program of original works and arrangements for a variety of instruments (ensemble and solo, instrumental and vocal) that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.

The proposed program of works intended to fulfill the Composition and Performance graduation recital requirements must receive prior approval from the appropriate section head.

Graduation recitals for the Performance and Composition majors are graded as credit/non-credit. For Performance majors, failure to complete

this requirement also constitutes a failure in Principal Instrument VIII. For Composition majors, failure to complete this requirement also constitutes a failure in Composition VI.

Performance Ensembles

All students must participate in required Performance Ensembles as noted in the programs of study. The Performance Ensemble requirement for Year 1 core and Year 2 all majors (Fall & Winter terms) are 0 (zero) credit. The Performance Ensemble requirements for Year 3 all majors (Fall & Winter terms) are 1 credit per term, and Year 4 (Performance major or as music option, Fall & Winter terms) are 1.5 credits per term.

For all majors, students may choose to participate in a maximum of two performance ensembles per term but will only be enrolled in and earn credit for one ensemble per term. The second Performance Ensemble will be 0 (zero) credit in any term. To avoid jeopardy, students may be advised to withdraw from a second Performance Ensemble if the directors detect that the students are overburdened and cannot cope with the additional responsibility.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

Elective Requirements

Elective requirements in each of Years 2, 3, and 4 of the program must be non-Music, baccalaureate level coursework, with a minimum of 9 credits earned at the senior level for all majors (Composition, General, Performance, and Recording and Production). Students may consult with the department's academic advisor for guidance. Program courses cannot be used to fulfill elective requirements.

Program Option Requirements

All Bachelor of Music students must successfully complete one additional Music Technology and Production course beyond the introductory course *and* one additional Music Career Management course beyond the introductory course as part of their core requirements.

Students must select from a list of program options to fulfill the requirements in their declared major or minor. Specified program option courses may also be required courses in one or more of the program's majors or minors, therefore, registration priority will be given to students who must take these courses as part of their specific Program of Study. Students may consult with the department's academic advisor for guidance and availability of program option courses prior to registration.

Arts and Cultural Management (AGAD) Courses

Students following the General route with a minor in Music Career Management, as well as students seeking to use approved Arts and Cultural Management courses as Music options must take MUSC 361 before entering Arts and Cultural Management (AGAD) courses.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Music program requirements. Any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Diploma Requirements

Students are eligible for a diploma after the completion of Year 2 of the Bachelor of Music degree Program of Study, any route. Students who have obtained the diploma, or are otherwise eligible to do so, may continue with the degree. Obtaining the diploma does not require a student to exit the degree program; however, any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Expected Course Offerings

The following courses are only offered every second year:

MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3
MUSC 476	Health Issues and the Professional Musician	3

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75 % in ELA 30-2
2. Four subjects from Group A, B, C, or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

  OR
- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

  OR
- A University Music Diploma Program or equivalent

Probationary Admission

To be evaluated through the Program

This admission category will only be used if the program is not filled by Regular, Mature or Previous Post-Secondary applicants.

A limited number of probationary admissions may be granted to applicants with an Admission Grade Point Average (AGPA) less than 2.0 on a 4.0 scale. These applicants will be placed on probation.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://www.macewan.ca/academics/programs/english-as-an-additional-language/).

2. Other Admission Criteria

To be evaluated through the Program Office

Applicable to All Admission Categories

All applicants must audition.

Limited space is available, and not all applicants who are eligible may be admitted. When admission becomes competitive, performance in the audition is the primary criterion for admission. Applicants must also be aware that admission for any category is limited based on the availability of spaces for the principal instrument.

History - Bachelor of Arts

Overview

Historians record history, craft history, and make history. The past is an exciting place! Our discipline ranges across time and space, from the daily life of peasants to the history of ideas and institutions, from Aztec art to war in Afghanistan. History has few thematic borders and is eclectic in its choice of research methods. Specialized history courses cover such diverse topics as crime in early modern Europe, diplomacy and conflict in the modern world, policy related to Indigenous people in Canada, and many others.

History students learn to make sense of the present by investigating the past. They chart continuities and change across time by observing how individuals and societies respond to different pressures and opportunities. They establish facts and develop and apply concepts. In the process, these master detectives become skilled communicators who know how to gather and organize information, analyze complex issues, and explain their findings clearly and persuasively.

Contact Information

Department of Humanities
Room 7-352, City Centre Campus

10700 - 104 Avenue
Edmonton, AB T5J 4S2
T:780-497-5608

Arts and Science Academic Advising
Room 6-211, City Centre Campus
T: 780-497-4505
E: artsandscience@macewan.ca

The Bachelor of Arts

Faculty of Arts and Science
MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉
Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉
Planetary Physics		◉
Statistics		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3
Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options
CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth

ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options

MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

History Requirements

History Major

History Minor

History Major

The Bachelor of Arts (BA) in History program requires students to complete 120 credits of non-duplicative coursework. In addition to the History Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Arts major

Students are required to complete option courses as well as the major(s) and minor(s). All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The History Major is 42 to 60 non-duplicative history credits with a minimum 36 credits at the senior-level. Students must complete a minimum of nine HIST credits at the 400-level.

Bachelor of Arts - History Major

Code	Title	Credits
Specific Major Requirements		
HIST 100	Introduction to History	3
Choose 3 credits from each of the four areas:		12
Canadian History Survey		
HIST 260	History of Canada to 1867	
HIST 261	History of Canada Since 1867	
Pre-Modern Surveys		
CLAS 210	Survey of Greek and Roman History	
HIST 205	Medieval Europe	
HIST 206	Early Medieval Britain Before 1066	
HIST 209	Early Modern European History	
HIST 211	Early Modern Britain: The British Isles, 1400-1750	
HIST 214	The Celtic Crescent before 1801	
Modern Surveys		
HIST 210	Modern Europe 1789 - Present	
HIST 212	History of Modern Britain: Industry, Democracy, Empire, 1750-present	
HIST 251	American History Since 1865	
HIST 282	History of Modern Japan	
Methodology		
HIST 300	Making History: Theory and Methods in History	
General Major Requirements		
Choose 27 to 45 credits from junior-or senior-level HIST with a minimum of 9 HIST credits at the 400-level. Students can also use CLAS 210, CLAS 314, and/or CLAS 315 to fulfill the general major requirements.		27-45
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

History Minor

The History Minor requires 18 senior-level credits with a minimum of nine credits at the 300- or 400-level.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level HIST with a minimum of 9 credits at the 300- or 400-level. Students can also use CLAS 210, CLAS 314, and/or CLAS 315 to fulfill the minor requirements.		18
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their

education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

History Major Program Learning Outcomes

Students of history become critical, adaptable, and independent thinkers capable of applying their knowledge of past societies to twenty-first-century challenges. While honing students' abilities to read, research, reason, and write, history cultivates the flexible repertoire of cross-cultural competencies and problem-solving skills demanded by Alberta's dynamic economy. A training in history is versatile. Our majors and minors learn to collect and evaluate data, weigh competing narratives, craft persuasive arguments, and communicate their findings in oral and written form. As a result, graduates have a preferred path of entry into careers in education, law, administration, politics, business, media, archives, and museums.

At the completion of their program of study in history, students will demonstrate an ability to

1. Think critically and solve problems by:

a. identifying biases, challenging assumptions, and distinguishing fact from opinion and misinformation when examining complex issues
b. applying historical concepts and knowledge to mediate disputes and propose creative resolutions based on verifiable evidence and clear reasoning

2. Develop historical knowledge by:

a. assembling a broad base of information about the individuals, institutions, ideas, and social practices that have shaped human societies across time
b. examining the interconnected development of the state; the major world religions; science and technology; military tactics and diplomacy; capitalism; imperialism, colonialism, and decolonization; and attitudes about gender, ethnicity, and family life

3. Apply historical knowledge about major developments and themes in world history by:

a. comparing how humans have navigated shifting social, political, technological, and economic forces across time and place, and assessing the impact of a society's successes and failures on individuals and communities
b. considering and critiquing diverse perspectives within and between cultures
c. weighing the interplay between individual agency, ideology, socio-economic structures, and contingency in accounting for historical causation and change
d. developing both scholarly empathy (by evaluating decisions and consequences in their historical context) and self-awareness (by reflecting on contemporary parallels)

4. Employ disciplinary skills by:

a. mastering the technical requirements of historical writing by using citations properly
b. closely reading, counterposing, contextualizing and then interpreting a range of primary sources (texts, images, and/or artefacts)
c. summarizing and critiquing the historiography of a given topic, and understanding the practice of history as an evolving conversation that responds to new questions, evidence, and methodologies
d. defining a historically significant research question and compiling a comprehensive bibliography of primary and secondary sources using libraries, archives, interviews, and/or databases
e. evaluating and synthesizing varied, incomplete, and sometimes contradictory evidence, and then formulating a nuanced thesis in a well-organized essay that engages with existing scholarship

5. Hone effective communication skills by:

a. participating actively in class discussions based on extensive preparatory readings and note-taking
b. working productively with group members to accomplish a collaborative task
c. writing in a polished and coherent manner for a range of purposes and audiences (literature or film reviews, source analyses, digital timelines, policy memos, analytical essays, research proposals, etc.)
d. presenting research findings in oral and/or written form, fielding follow-up questions, and incorporating feedback as part of the revision process

6. Practice responsible citizenship by acquiring historical knowledge relating to:

a. Canada's First Nations and their relationship with the state and Canadian society
b. the constitutional, political, and economic development of Canada
c. the foundations and development of Canada's pluralist society in terms of French-English relations, sectarian conflict, immigration, race, and gender relations
d. the formation and interplay of regional, provincial, national, and global identities

7. Demonstrate cross-cultural fluency and social awareness by:

a. identifying the historical forces (political, cultural, social, religious, environmental, and/or economic) that have shaped contemporary public issues
b. recognizing the historic and ongoing contributions, perspectives, or identities of diverse groups

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students can also use CLAS 210, CLAS 314, or CLAS 315 to fulfill general major requirements

Year 1	Credits
HIST 100	3
ENGL 102	3
Breadth Requirements	24
	30

Year 2	Credits
Choose 3 credits (1 course) from each of the following three areas:	9
Canadian History Survey	
HIST 260	
HIST 261	
Pre-Modern Surveys	
CLAS 210	
HIST 205	
HIST 206	
HIST 209	
HIST 211	
HIST 214	
Modern Surveys	
HIST 210	
HIST 212	
HIST 251	
HIST 282	
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	21
	30

Year 3	Credits
HIST 300	3
Choose 12 credits (4 courses) from senior-level HIST	12
Options, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 4	Credits
Choose 9 credits (3 courses) from 400-level HIST	9
Choose 6 credits (2 courses) from senior-level HIST	6
Options, Minor(s), or Primary or Secondary Major Requirements	15
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

HIST 100	Introduction to History
HIST 101	Foundations of the Modern World before c.1500 C.E.
HIST 102	Foundations of the Modern World from 1500 C.E. to the Present
HIST 209	Early Modern European History
HIST 210	Modern Europe 1789 - Present
HIST 211	Early Modern Britain: The British Isles, 1400-1750
HIST 212	History of Modern Britain: Industry, Democracy, Empire, 1750-present
HIST 215	Modern France
HIST 260	History of Canada to 1867
HIST 261	History of Canada Since 1867
HIST 300	Making History: Theory and Methods in History
HIST 301	Topics in World History
HIST 304	History of Christianity
HIST 312	Scotland from MacBeth to the Union (1707)
HIST 366	The Canadian West
HIST 397	Public History
HIST 442	Topics in Imperialism and Colonialism
HIST 460	Topics in Canadian History
HIST 476	Topics in the History of Religion

Winter 2025

HIST 100	Introduction to History
HIST 101	Foundations of the Modern World before c.1500 C.E.
HIST 102	Foundations of the Modern World from 1500 C.E. to the Present
HIST 209	Early Modern European History
HIST 210	Modern Europe 1789 - Present

HIST 251	American History Since 1865
HIST 260	History of Canada to 1867
HIST 261	History of Canada Since 1867
HIST 282	History of Modern Japan
HIST 292	Women's History
HIST 308	Europe in the Age of Renaissance and Reformation
HIST 311	British Society, Politics, and Culture, 1450-1750
HIST 315	Enlightenment and Revolution in France
HIST 338	Britain as a World Power
HIST 361	Canadian Political History
HIST 410	Topics in European History
HIST 411	Topics in Medieval and Early Modern British History
HIST 490	Topics in Social History
HIST 499	Field Placement

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

History Courses

HIST 100
Introduction to History
3 Credits Weekly (3-0-0)
This course introduces students to the practice of history and the methods by which historians research and think about the past using selected topics in world history as a foundation for study. In learning about each topic, students are encouraged, through practical exercises and assessment strategies, to think historically and to acquire the essential research skills that underpin history as a discipline. Students consider the quality and authenticity of sources, the nature of historical causation, and the role of the historian in the evaluation and interpretation of evidence. Overall, this course is designed to hone students' critical faculties, interpretive skills, and writing abilities while stimulating their intellectual curiosity about the past.

HIST 101
Foundations of the Modern World before c.1500 C.E.
3 Credits Weekly (3-0-0)
This course introduces students to what historians call the 'modern' world in the period between c.500 and 1500 C.E. The underlying theme of the course is that this period has seen an increasing interconnectedness between human societies, leading to the globalised world in which we live. Students study topics such as trade patterns, intellectual exchange, religious movements, health, wellness and the environment, state and empire building, war, conquest and diplomacy, and the spread of disease, goods and ideas. They learn to understand the processes that increased global interaction, both voluntary and forced, and spawned conflicts, both economic and political.

HIST 102
Foundations of the Modern World from 1500 C.E. to the Present
3 Credits Weekly (3-0-0)
This course introduces students to what historians call the 'modern' world in the period from the sixteenth century to the present. The underlying theme of the course is that this period has seen an increasing interconnectedness between human societies, leading to the globalised world in which we live. Students study topics such as trade patterns, colonialism, imperial expansion and contraction, religious, artistic and intellectual change, the immense socio-economic transformation springing from industrialisation, and modern ideologies like liberalism, socialism, nationalism and racism. They learn to understand the processes that increased global interaction, both voluntary and forced, and spawned conflicts, both economic and political.

HIST 204
Judaism, Christianity, Islam
3 Credits Weekly (3-0-0)
This course introduces students to the intertwined histories of three major world religions: Judaism, Christianity, and Islam. These three traditions share several core assumptions about the identity of God and the relationship between divinity and humanity. At the same time, they have also developed in unique ways over the millennia, so that each tradition both differs from the others and contains rich diversity within itself. By focusing on cultural, intellectual, and political exchange across these traditions, this course prepares students to understand how such exchange continues to shape our world today.

HIST 205
Medieval Europe
3 Credits Weekly (3-0-0)
This course introduces the student to the important events, developments and themes in medieval European history from Charlemagne to the Black Death. Discussion of social and political topics such as feudalism and manorialism, growth of legal systems, political theory and the rise of medieval states, the Crusades, medieval warfare, and the Holy Roman Empire are connected to cultural and intellectual themes related to Muslims in Iberia, urbanization, reform of the Catholic Church, and the rise of universities.

HIST 206
Early Medieval Britain Before 1066
3 Credits Weekly (3-0-0)
This course examines the development of the distinct regions of the British Isles and Ireland before the eleventh century. Focusing on a period rich in mythology surrounding larger than life characters such as Boudica, King Arthur, St. Patrick, Offa of Mercia, Alfred the Great, Ivar the Boneless, and MacBeth and his wife, Gruoch, this course explores the historical context behind these figures by examining the political development of the British Isles and the foundation of the relationships forged between England, Scotland, Ireland and Wales.

HIST 207
Medieval Britain: The British Isles, 1066-1450
3 Credits Weekly (3-0-0)
This course provides a history of the British Isles starting in the long twelfth century and culminating in the middle of the fifteenth century. This period in British history witnessed considerable social, political, cultural, and economic change punctuated by major epidemics, rebellions, and wars, as well as significant literary, artistic, and technological innovations. Students will explore these major events by examining the contexts in which they occurred and the impact they had on internal and domestic relations across the British Isles.

HIST 209
Early Modern European History
3 Credits Weekly (3-0-0)
This course is a survey of European history from the Renaissance to Napoleon. Often seen as one of the most dynamic periods in European history, early modern Europe experienced rapid social, cultural, political and economic change that created new opportunities and challenges for every level of European society. In this course, students consider the evolving economy and society, the basic facts of life for the majority of Europe's peoples. They learn how the religious and intellectual unity of western culture fragmented and dissolved under the impact of new ideas and examine the nature of politics, the rise and fall of empires and the emergence of nation states.

HIST 210
Modern Europe 1789 - Present
3 Credits Weekly (3-0-0)
This course is a survey of European history from the French Revolution to the present. It considers both how modern Europe's dramatic ascension impacted the wider world and how colonial developments reverberated on the continent. The course starts with the twin upheavals of the French and Industrial Revolutions; charts their political and socio-economic fallout in the form of new ideologies, nation-states, social classes and technologies; and shows how nationalist rivalries and a new form of racism fueled a scramble for colonies across the globe. It then analyses Europe's self-destruction in two world wars and the Holocaust; the decolonization process; and the emergence of a continent divided by the Cold War until the collapse of the Soviet Union. It concludes with a discussion of the European Union's future. Instructors may incorporate a diverse selection of sources—paintings, political pamphlets, memoirs, poetry, novels, music, and/or film—to highlight how the religious, national, class, racial and gender boundaries of modern Europe have changed over time.

HIST 211
Early Modern Britain: The British Isles, 1400-1750
3 Credits Weekly (3-0-0)
This course introduces the student to a period in the history of the British Isles characterized by dynamic political, social, economic and cultural change. Between 1400 and 1750, England, Scotland, and to a lesser extent Wales and Ireland, underwent religious reform, witnessed the birth of the nation-state, saw their economic capacities expanded, and began to engage in colonial imperial activities. This course explores one of the most transformative periods in 'British' history.

HIST 212
History of Modern Britain: Industry, Democracy, Empire, 1750-present
3 Credits Weekly (3-0-0)
Britain was a central actor in the social, economic, political, military, and cultural transformations of the modern world. By the nineteenth century, it projected unparalleled economic and political might. Following a brief review of the social, political and cultural inheritance of previous centuries, this course examines the path to democratic politics and liberal modernity; the social and economic transformations of the industrial revolution; the politics of class consciousness; and the electoral and social reforms of the Victorian era. With a global lens, the course traces the emergence of Britain as an Atlantic and global power; considers the impact of British imperial might on the rest of the world; and assesses the extent to which colonial encounters impacted British domestic society. Moving to the twentieth century, the course examines the impact of the world wars; the transition from a warfare to welfare state; the politics of decolonization and decline; European integration; and the causes and consequences of Brexit.

HIST 214
The Celtic Crescent before 1801
3 Credits Weekly (3-0-0)
This course examines the development of the Celtic regions of the British Isles and Ireland prior to the creation of the United Kingdom of Great Britain and Ireland in 1801. Some historians have argued that it is in this period that the modern sense of Celtic identity has its roots. Important to this development is the fact that Ireland, Wales, and Scotland are often subsumed under the title "Celtic" and shared a common experience through their interactions with the English. Yet, most scholarship and popular culture portray the Celtic regions of Britain in an undifferentiated manner. This course explores the unique histories of the Celtic regions of the British Isles as well as their shared cultural links and experiences within the region. Topics may include: Roman Britain, King Arthur, the Celtic Church, Picts and Dalriada, the Vikings, Strong Bow in Ireland, Manx Kingship, Owain Glyndwr, Kin Networks, Celtic Identity, Art and Language, Plantation and Colonialism, Resistance, and Incorporation.

HIST 215
Modern France
3 Credits Weekly (3-0-0)
This course situates developments in French literature, philosophy and art in the context of the nation's tumultuous political history from the eighteenth century to the present day. It traces changing conceptions of class, nationality, gender, selfhood and aesthetics through the momentous cultural and political ruptures that have characterized life in France and its colonies since the great revolution of 1789.

HIST 250
American History to 1865
3 Credits Weekly (3-0-0)
This course is a survey of American history to the Civil War. Beginning with the early colonial ventures in Virginia and New England, the course traces the development and expansion of the American federation through the War of Independence, the Mexican-American war, and the Civil War. The American political experiment with constitutional democracy and the development of the party system are examined. The course also identifies and examines important social issues including the treatment of Aboriginal people, slavery and the rights of women.

HIST 251
American History Since 1865
3 Credits Weekly (3-0-0)
This course is a survey of American history since the Civil War. Beginning with Reconstruction, this course traces the social, political, and economic transformation of America as it developed into a global superpower. The industrial and consumer-based society forms the backdrop for the political, social, and geo-political changes: from populism and progressivism to the Reagan revolution, xenophobia to civil rights, isolationism to the Iraq War.

HIST 260
History of Canada to 1867
3 Credits Weekly (3-0-0)
This course surveys Canadian history before 1867. Attention is given to both the French and English empires, the conflicts that occurred, and the social and political development of the colonies. Special consideration is given to the interactions between these imperial and colonial societies and Aboriginal people. The expansion of the European empires to the Pacific coast is also covered. The course concludes with the Confederation process in British North America.

HIST 261
History of Canada Since 1867
3 Credits Weekly (3-0-0)
This course surveys Canadian history since 1867. It examines the people, forces and events that have shaped the history of this country, its society, its institutions and its identity. This course provides not only a foundation for further study in Canadian history but also the knowledge necessary for effective citizenship.

HIST 281
Asia Since A.D. 1500
3 Credits Weekly (3-0-0)
This course is a survey of Asian history since 1500. The focus is on East Asia, including China and Japan, with complementary sections on Southeastern and Southern Asia. The emphasis is on the socio-cultural, economic, and political history of the region as well as relations with other countries and empires in the global community.

HIST 282
History of Modern Japan
3 Credits Weekly (3-0-0)
This course presents a survey of modern Japanese history beginning with the Meiji Restoration in 1868. Focusing on the major political, social, economic, military, and diplomatic themes, Japan's evolution as a modern state will be examined. Major topics may include the birth of liberal democracy, imperialism and empire, militarism, the Pacific War, and Japan's postwar rise as an economic superpower.

HIST 291
Topics in Political and International History
3 Credits Weekly (3-0-0)
This intermediate-level course surveys political and international world history with a focus on a particular conceptual topic. The topics are broad-based themes which have political or international consequences; the time period of study may vary from the late middle ages to the present. Examples of topics that might be covered are warfare, state formation and nation-building, the exercise of imperialism both formal and informal, global trade, or the development of political ideologies like liberalism, nationalism and socialism.

HIST 292
Women's History
3 Credits Weekly (3-0-0)
This course focuses on the diverse experiences of women in the past, using an array of sources to contextualize their aspirations, struggles, and accomplishments. Lectures, readings, and discussions are designed to introduce the field's key concepts and debates while focusing on a particular period and region selected by the instructor. The course highlights female agency in the face of various structural obstacles and cultural forces, while exploring how sex and gender intersect with other categories such as age, class, race, nationality, sexuality, and religion to shape women's identities and day-to-day lives.

HIST 294
History of Science and Technology
3 Credits Weekly (3-0-0)
This course surveys important themes, traditions, people and institutions of Western science, technology and medicine. It familiarizes students with an important aspect of European/Western culture and serves as an introduction to the history of science and technology. This course emphasizes how individuals and societies have understood and explained the natural world and their place in it, and how they have approached and justified the investigation of that world.

HIST 300
Making History: Theory and Methods in History
3 Credits Weekly (2-0-1)
History is an academic discipline whose practitioners make a systematic study of the complexity, variety, and change of human ideas, behaviours, and actions across time. Historians gather, assess, analyze, and organize information to create knowledge about the past. This course examines the process of making history. It includes discussions about both the nature of historical evidence and the methods historians use. It also introduces students to basic questions and issues concerning the nature of our knowledge of the past.
Prerequisites: Minimum grade of C- in HIST 100 or 6 credits of senior HIST *(*p. 745*).*

HIST 301
Topics in World History
3 Credits Weekly (3-0-0)
This intermediate-level course examines world history through the in-depth study of a particular topic selected by the instructor. Examples of topics include, but are not limited to, the environment, international conflicts, the status of women, slavery, childhood, revolution, or pandemics. Students can take this course up to three times provided the topic is different.
Prerequisites: Minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course.*

HIST 304
History of Christianity
3 Credits Weekly (3-0-0)
In this course, students explore the rich diversity of Christian perspectives that predominated from antiquity through the early modern period. Students work through seminal texts in the history of Christian thought and practice. By exploring more than just the works that were later declared orthodox, students learn about the many alternative Christianities that flourished in the past, ranging from the Gnostics of ancient Egypt to radical reformers leading peasant revolts in early modern Europe. Listening to these alternative voices, while also placing Christian history into intimate conversation with Judaism and Islam, allows students to engage with Christianity not as a closed book, but as an open conversation across the centuries.
Prerequisites: A minimum grade of C- in 3 credits of 200-level HIST *(*p. 745*) courses.*

HIST 306
Urban Europe: City and Society, 1450-1850
3 Credits Weekly (3-0-0)
This intermediate-level course explores the European “City” as a major site for social, cultural, economic and political exchange and a site wherein urban actors identified with the multiple communities that formed within city limits. Central to the discussion of the European City is the impact that the national and international flow of ideas, culture, people, goods and capital had on urban centres across Europe over time. Topics include urban sights, sounds, and smells; street-corners and squares; community; built environments; gender and agency; occupation and social status; marginalization; demographic change; and urbanization.
Prerequisites: Minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course.*

HIST 308
Europe in the Age of Renaissance and Reformation
3 Credits Weekly (3-0-0)
This intermediate-level course explores some of the major themes in the history of Europe from the late fourteenth to the early seventeenth century. Its focus is on cultural, intellectual, and religious history, including the rise of humanism, developments in education, arts and literature, the Protestant and Catholic Reformations, and philosophical and scientific innovations. This exploration of key moments in European history is set within the appropriate political and social contexts of these developments, including the emergence of the nation state, the rise of printing, significant demographic change, and the beginnings of European overseas empires.
Prerequisites: Minimum grade of C- in one of HIST 100, 101, 205, 209.

HIST 309
Crime and Society in Early Modern Europe
3 Credits Weekly (3-0-0)
This intermediate-level course investigates some of the major themes in the social history of Early Modern Europe from the onset of the Black Death to the Enlightenment. Students focus on the shifts in social, political, economic, and cultural attitudes that ushered in new ideas on crime and regulation, poverty and social discipline. Lecture topics and assigned reading materials describe how these ideas affected the peoples of Western Europe and contributed to a variety of ways individuals and groups experienced inclusion and exclusion in their communities.
Prerequisites: Minimum grade of C-in any 200-level HIST *(*p. 745*) course.*

HIST 311
British Society, Politics, and Culture, 1450-1750
3 Credits Weekly (3-0-0)
This intermediate level course examines the social history of Britain: the lives of its people, both grand and humble. We explore families, courtship and marriage, work and play, gender roles, religion and superstition, crime and punishment, class relations, local and regional identities, poverty and poor relief. Specific topics vary depending on the individual instructor.
Prerequisites: Minimum grade of C- in any 100-level or 200-level HIST *(*p. 745*) course.*

HIST 312
Scotland from MacBeth to the Union (1707)
3 Credits Weekly (3-0-0)
This course investigates the important events, developments, and themes in Scottish history before Scotland united with England in 1707 to form Great Britain. The course explores Scotland's unique blend of Gaelic, English, and Norman traditions in the Middle Ages, its 'pure and trew' Reformation in the sixteenth century, and its attempt to stand independent in the face of English imperialism. The course emphasizes Scotland's political and social developments in the period while providing significant coverage to intellectual, religious, economic, and cultural themes.
Prerequisites: A minimum grade of C- in one of HIST 100, HIST 205, HIST 209, HIST 211, or HIST 214.

HIST 315
Enlightenment and Revolution in France
3 Credits Weekly (3-0-0)
This course examines the intersection of ideas, institutions and events in France during the revolutionary era. Students are introduced to the art, literature, and philosophy of the French Enlightenment in the context of its key institutions, cultural venues, and figures. After identifying and analyzing the movement's main currents and critics, students link Enlightenment critiques of absolutism and Old Regime society to both the outbreak of France's great revolution in 1789 and its descent into Terror. The course concludes by analyzing the rise and fall of Napoleon Bonaparte and the birth of modern nationalism and total war.
Prerequisite: A minimum grade of C- in 3 credits of 200-level HIST *(*p. 745*) courses.*

HIST 338
Britain as a World Power
3 Credits Weekly (3-0-0)
Britain held a position of world dominance from the eighteenth century until the world wars of the twentieth century. It acquired a worldwide empire, sometimes deliberately, but often haphazardly. Britain administered its empire in a variety of ways, sometimes indirectly through local rulers, sometimes quite directly. In this course, students examine Britain's rise as an imperial nation and its relations with other European nations, as well as the process of its decline both as an imperial and a European power.
Prerequisites: Minimum grade of C- in any 100-level or 200-level HIST *(*p. 745*) course.*

HIST 340
Diplomacy, War, and Conflict in the 20th Century
3 Credits Weekly (3-0-0)
This intermediate-level course investigates the origins and consequences of the major military conflicts of the twentieth century. It covers the Great War, the Second World War and the Cold War, as well as the national wars of independence in Asia and Africa, the war for Jammu and Kashmir, the Arab-Israeli conflicts of the Middle East, the Vietnam War and the Gulf War.
Prerequisites: Minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course.*

HIST 341
Fascism in Europe 1918-1945
3 Credits Weekly (3-0-0)
This intermediate level course investigates the phenomenon of fascism in inter-war Europe. The course starts from the premise that a generic fascism did exist, and can be defined, and that its origins and ideological components are traceable, not only to the general crisis following the First World War, but to social and political trends going back into the nineteenth century. The course also explicitly compares fascist movements, and the two fascist dictatorships of Italy and Germany, with the authoritarian regimes which become so prevalent in this period, highlighting both the essential differences between the two phenomena, and also the way in which authoritarianism occasionally borrowed fascist language and imagery. Specific attention is paid to Italian Fascism and German National Socialism, and to the native fascist movements of Eastern Europe.
Prerequisites: Minimum grade of C- in HIST 102 or HIST 112 or HIST 210 or HIST 340.

HIST 342
The Atlantic World
3 Credits Weekly (3-0-0)
Contact among Africans, Europeans and the indigenous peoples of the Americas created an Atlantic World. The Atlantic Ocean linked the nations and peoples living around its edges, beginning in the 15th century and continuing until the wars of independence and the end of the slave trade in the late 18th and early 19th centuries. Slaves and slave-traders, soldiers, merchants, sailors, pirates, indentured servants, convicts, settlers, governors and administrators crossed the ocean to encounter a diverse array of New World peoples. This course examines the lives of these people and the encounters, relationships, exchanges and clashes among these people in their Atlantic context.
Prerequisites: Minimum grade of C- in any 100-level or 200-level HIST *(*p. 745*) course.*

HIST 343
Genocide in the Modern World
3 Credits Weekly (3-0-0)
This course evaluates the motives and circumstances of genocide in world history and uncovers the experiences of its victims. Students examine competing definitions of genocide and explanations for why it has occurred and how it has changed over the course of the past century. Further, they consider what genocide reveals about the logic of modern politics, racism and warfare. The course challenges students to pursue a comparative analysis of a range of case studies, and exposes them to a variety of sources, from memoirs and film to theoretical work, academic articles, and monographs.
Prerequisites: Minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course.*

HIST 345
Nationalism
3 Credits Weekly (3-0-0)
This intermediate-level course examines nationalism as a theme in world history. It starts with an exploration of nationalism as a concept: its history, its terminology and some of the theories cited for its emergence. This course examines the scholarly debate as to how far back we can go in identifying nations, the connection between nationalism and literacy, and that between nationalism and socio-economic development. Relying largely on a consideration of nationalism in a European context, the course nevertheless considers extra-European manifestations, including Canadian, American, Indian and Japanese nationalism; it also considers the peculiar phenomenon of "state nationalism", as attempted in the Russian and Ottoman Empires, and what might be called "confessional nationalism", as typified by modern Islamism.
Prerequisites: Minimum grade of C- in any 100-level HIST *(*p. 745*) course.*

HIST 352
The U.S. in World Affairs
3 Credits Weekly (3-0-0)
This course examines the history of American foreign policy during the 20th century providing insight into the process of foreign policy decision making, as well as the ramifications U.S. foreign policy has on nations around the world. Major topics include expansionism, "Big Stick" diplomacy, Wilsonianism, entry into wars, relations with Latin America and the Middle East, as well as the origins, culture, and effect of the events of the Cold War.
Prerequisites: Minimum grade of C- in any 100 or 200 level HIST *(*p. 745*) course.*

HIST 361
Canadian Political History
3 Credits Weekly (3-0-0)
This course examines the political history of Canada since Confederation. Although the federal political system is the central focus of the course, provincial political developments of national importance are not ignored. Among the topics discussed in this course are the Pacific scandal, the Manitoba school question, women's suffrage, the Progressive party and the Maritime Rights movement, the politics of unemployment the rise of Social Credit in Alberta, the formation of the CCF and NDP, Medicare, the Quiet Revolution, the Constitution Debates, and the Meech Lake Accord.
Prerequisites: Minimum grade of C- in any 100 level or 200 level HIST (p. 745) *course.*

HIST 362
History of Alberta
3 Credits Weekly (3-0-0)
Alberta occupies a distinct space in the Canadian federation. Created by an act of the federal government in 1905, the province was originally settled by immigrants from Europe who sought opportunities in agriculture and mining. The rural province was transformed by the depression and the discovery of oil and gas. Today it is an urban province that attracts immigrants from around the globe. It also has a distinct political culture. The province has been governed by a series of political dynasties from the Liberals to UFA to Social Credit to the Conservatives. Each of these political dynasties had a tendentious relationship with the federal government and the province's electors have consistently supported political parties that emphasized a decentralized federal regime. This course examines these changes in economic, social, and political conditions to help us better understand Alberta today.
Prerequisites: A minimum grade of C- in any 100- or 200- level HIST (p. 745) *course.*

HIST 364
Topics in Western Canadian History
3 Credits Weekly (3-0-0)
This intermediate-level course examines a selected topic in western Canadian history in depth. The topic in any given year is determined by the instructor. Examples of topics include, but are not limited to, broad-based themes like fur trade colonialism, prairie populism, gender and settlement, nativism and racism, and western Canadian alienation or more focused topics such as the making of treaties with the Indigenous people, the colonization of Vancouver Island, the Métis and the Red River settlement, or the history of the oil and gas industry. Students can complete this course up to two times provided the topic is different.
Prerequisites: A minimum grade of C- in any 100- or 200- level HIST (p. 745).

HIST 366
The Canadian West
3 Credits Weekly (3-0-0)
This course examines the history of the Canadian West. Social, political and economic developments in this region continue to play a central role in Canada's development. Topics include the experiences of Indigenous people, the region's leadership in social policy related to immigration, women's suffrage and Medicare; the resource-based economy of furs, wheat, timber, mining and oil; and the distinctive political culture and alternative political parties that have emerged in the Canadian West including the Progressives, CCF, Social Credit, and Reform.
Prerequisites: A minimum grade of C- in any 100- or 200-level history course.

HIST 367
Canada in World Affairs
3 Credits Weekly (3-0-0)
This course examines Canada's diplomatic, military, economic and political role in world affairs. Canada's relationship with the British Empire and the United States receives special emphasis. Attention is also given to the affect of international affairs on domestic social and political issues.
Prerequisites: A minimum grade of C- in any 100- or 200-level HIST (p. 745) *course.*

HIST 369
First Nations and Canada
3 Credits Weekly (3-0-0)
This intermediate level course examines Canada's relationship with First Nations from the 1830s to the present. The focus is on the interplay between the aspirations of First Nations, Aboriginal rights, constitutional law, economic and social changes, and the development of government policy. Special attention is paid to the consequences of the policy development for Aboriginal societies and culture.
Prerequisites: A minimum grade of C- in HIST 260 or HIST 261.

HIST 395
Oral History
3 Credits Weekly (3-0-0)
Predating the written word, oral history is among the oldest forms of historical inquiry, and the ability to gather, preserve, and interpret the voices and memories of the past is currently undergoing a renaissance thanks to digital technology. This course introduces students to the best practices of oral history, provides a foundational understanding of the theory about memory, narrative, and researcher-narrator relationships, and allows students to actively participate in recording stories of the past. Students from other disciplines are welcome to enroll in this course, but will need to get permission of the department.
Prerequisites: A minimum grade of C- in any 100- or 200-level HIST (p. 745) *course, or permission of the department.*

HIST 397
Public History
3 Credits Weekly (3-0-0)
Public history is a branch of historical work that involves presenting history to the public or working with the public to conduct research and interpret the past. This course introduces students to some of the theories about public history and some of the issues in the field, including ideas about memory and representation, heritage and history, and preservation and interpretation. It examines common sources for public history, including material culture, archives, and oral interviews. It also explores some of the opportunities available in the field of public history.
Prerequisites: Minimum grade of C- in any 100 or 200 level HIST (p. 745) *course.*

HIST 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

HIST 400
Senior Thesis
3 Credits Total (0-0-45)
In this individual study course, students write a major essay and make a conference-style presentation on a specific topic of their choice. This course is open only to History Majors. Students desiring HIST 400 must consult with the History Coordinator to select a primary and secondary supervisor. Note: Students may receive credit for only one of HIST 400 and HIST 401.
Prerequisites: Consent of the Department.

HIST 410
Topics in European History
3 Credits Weekly (0-0-3)
In this seminar-based course, students discuss, criticise and analyse readings on a selected topic in European history. They also prepare a major research paper on an issue related to one or more of the seminar topics. Students can take this course up to three times provided the topic is different.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST (p. 745)*, including one of HIST 205, HIST 209, or HIST 210.*

HIST 411
Topics in Medieval and Early Modern British History
3 Credits Weekly (0-0-3)
In this seminar-based course, students discuss, criticize and analyze readings on a selected topic in medieval and early modern British history. They also prepare a major research paper on a subject related to the course topic. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST (p. 745)*, including at least 3 credits from HIST 206, HIST 211, or HIST 311.*

HIST 442
Topics in Imperialism and Colonialism
3 Credits Weekly (0-0-3)
In this seminar-based course, students discuss, criticise and analyse readings on a selected topic related to imperialism and/or colonialism. They also prepare a major research paper on an issue related to one or more of the seminar topics. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grade of C- in 9 credits of 200- or 300-level HIST (p. 745) *courses.*

HIST 460
Topics in Canadian History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique and analyse readings on a selected topic in Canadian history. They also prepare a major research paper related to the seminar topic. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST (p. 745) *courses including either HIST 260 or HIST 261.*

HIST 476
Topics in the History of Religion
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique, and analyse readings on a selected topic in the history of premodern religion. They also prepare a major research paper on an issue related to the seminar topic. The topic in any given year is selected by the instructor, but is typically drawn from the traditions of Judaism, Christianity, or Islam.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST (p. 745)*, including at least 3 credits from HIST 204, HIST 205, HIST 304, or HIST 308.*

HIST 490
Topics in Social History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique, and analyse readings on a selected topic in Social History. They also prepare a major research paper on an issue related to the seminar topic. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST (p. 745) *courses.*

HIST 491
Topics in International History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique and analyse readings on a selected topic related to international history. They also prepare a major research paper related to the seminar topic. The topic in any given section is selected by the instructor. Students can take this course up to three times provided the topic is different.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300 level HIST (p. 745) *courses.*

HIST 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

HIST 499
Field Placement
3 Credits Total (45-0-90)
In this course, students are assigned to public history, community, and/or heritage organizations where they apply their knowledge and skills in supervised projects.
Prerequisites: A minimum grade of C- in either HIST 300 or HIST 397 and consent of the department.

Human Resources Management - Bachelor of Commerce

Overview

Human resources professionals provide advice to all levels of the organization on employee recruitment and retention programs, selection of job candidates, employee professional development, negotiations, and more. Human resources professionals, particularly working with large organizations, are able to specialize in an area of interest like compensation, training, and labour relations.

MacEwan University has developed the curriculum for this major in line with the CPHR Competency Framework as established by CPHR Canada. Completion of this major prepares students for the National Knowledge Exam (NKE), a primary requirement of the Chartered Professional in Human Resources (CPHR) designation, which also requires the completion of a baccalaureate degree.

MacEwan University has made another move to prepare their Human Resources Management graduates for success in their careers. MacEwan University's Human Resources Management program is now accredited with the Chartered Professionals in Human Resources of Alberta (CPHR). Visit the CPHR Alberta Designation page (https://www.cphrab.ca/become-a-CPHR (https://www.cphrab.ca/become-a-CPHR/)) which outlines the process required to achieve the designation, and includes information on how to apply to waive the NKE.

The Bachelor of Commerce

School of Business
MacEwan.ca/BCom (http://%E2%80%8BMacEwan.ca/BCom/)

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major/minor and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of seven majors: Accounting, Human Resources Management, International Business, Legal Studies in Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. Co-operative Education streams are also available. Students may explore their options in completing a second major, one or two minors, or a double major with a non-business minor. The program will prepare students for graduate studies in related fields.

All newly admitted students are admitted as "Undeclared". This means a student has not yet chosen a major which focuses a good portion of their degree on a specific discipline and area of study. Students generally declare their Major and Minors after they have completed a minimum of 45 credits. These declarations are expected from students who have made this decision between September 1 and February 15 (January 15 for competitive Majors and Minors). Information about Majors and Minors is available to students via email and newsletters and further assistance with this decision is available from the academic advisors in their program.

Commerce Disciplines

Discipline	Major	Minor	Honours
Accounting	◉	◉	◉
Human Resources Management	◉	◉	◉
International Business	◉	◉	◉
Legal Studies in Business	◉	◉	-
Management	◉	◉	◉
Marketing	◉	◉	◉
Supply Chain Management	◉	◉	-
Business Intelligence	-	◉	-
Finance	-	◉	-
Innovation & Entrepreneurship	-	◉	-
Property Management	-	◉	-

Out of School Minors

Discipline	Minor
Anthropology	◉
Digital Experience Design	◉
Economics	◉
French	◉
History	◉
Journalism	◉
Political Science	◉
Psychology	◉
Sociology	◉
Spanish	◉
Statistics	◉

Career Potential

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing, or logistics are available. Another option is to continue their

education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

Contact Information

T: 780-497-5162

E: Business@MacEwan.ca (Business@macewan.ca)

Bachelor of Commerce Requirements

Program Element	Description	Credits
Core	Business	39
Core	Non-Business	18
Total	**Core Requirement Credits**	**57**
Primary Major	Majors range from 21 to 30 credits with a minimum of 21 credits at the senior level and 12 of those credits at the 300 or 400-level. Majors are comprised of both required courses and a selection of options.	21-30
Non-Business Electives	Students must complete 15-21 credits of Non-Business electives and may use these credits to fulfill the requirements of a minor(s) or second major.	15-21
Open Electives	Students must complete 6-15 credits of Open electives and may use these credits to fulfill the requirements of a minor(s) or second major.	6-15
Business Electives	Students must complete 6 credits of Business electives and can use these credits to fulfill the requirements of a minor(s) or second major.	6
Minor(s) or second major	Students have the option of completing one or two minors, or a second major from the Bachelor of Commerce, provided they can satisfy their requirements for Business, Non-Business and Open Electives with that same coursework. Minors are comprised of 15 credits of senior-level coursework. Students are limited to one minor from outside the School of Business.	15-30
Total	**Required Minimum Core, Major and elective credits for the degree**	**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Core Business Courses

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 450	Strategic Management	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MSYS 200	Introduction to Management Information Systems	3
MGTS 103	Introduction to Business Statistics	3
MGTS 312	Advanced Business Statistics	3
MGTS 352	Operations Management	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3

Core Non-Business Courses

Code	Title	Credits
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
Select 3 credits of university ENGL [1]		3
PROW 210	Advanced Business Writing	3
Select 3 credits from the following:		3
MGTS 113	Introduction to Quantitative Decision-Making	
MATH 114	Elementary Calculus I	
MATH 120	Basic Linear Algebra I	

1 not including ENGL 108 or ENGL 111

Bachelor of Commerce Honours Requirements for Accounting, Human Resources Management, and Management

Bachelor of Commerce Honours students complete their program in 120 credits as do all Bachelor of Commerce students. They fulfill the

requirements of the Honours Designation by taking 15 credits of Honours programming for their elective courses.

Code	Title	Credits
BUSN 396	Advanced Quantitative Research Methods for Business	3
BUSN 397	Advanced Qualitative Research Methods for Management	3
BUSN 496	Senior Honours Seminar	3
Choose one of:		**3**
ACCT 499	Honours Thesis - Accounting	
HRMT 499	Honours Thesis - Human Resources Management	
ORGA 499	Honours Thesis - Management	
Choose a Senior 400 level course as determined and approved by the Faculty Advisor		3
Total Credits		**15**

Bachelor of Commerce Honours Requirements for International Business

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 312	Marketing Research & Analytics	3
INTB 499	Honours Thesis - International Business	3
Total Credits		**9**

Bachelor of Commerce Honours Requirements for Marketing

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 499	Honours Thesis - Marketing	3
Total Credits		**6**

Course Substitutions

Program Requirements

Human Resources Management Major (p.)

Human Resources Management Honours (p.)

Human Resources Management Minor (p.)

Bachelor of Commerce - Human Resources Management Major

Major Requirements - Complete 30 senior-level credits (10 courses) from this list:

Code	Title	Credits
HRMT 200	Management of Human Resources	3
HRMT 212	Employee Relations	3
HRMT 214	Recruitment & Selection	3
HRMT 216	Total Compensation Management	3
HRMT 312	Labour Relations	3
HRMT 315	Health, Safety & Wellness	3
HRMT 318	Learning & Development	3
HRMT 430	HR Analytics & Program Evaluation	3
HRMT 450	Strategic Human Resources Management	3
LEGL 312	Legal Issues in the Workplace	3
Elective Requirements		
Non-Business Electives		15
Open Electives		12
Business Electives		6
Total Credits		**63**

Bachelor of Commerce - Human Resources Management Honours

Code	Title	Credits
HRMT 200	Management of Human Resources	3
HRMT 212	Employee Relations	3
HRMT 214	Recruitment & Selection	3
HRMT 216	Total Compensation Management	3
HRMT 312	Labour Relations	3
HRMT 315	Health, Safety & Wellness	3
HRMT 318	Learning & Development	3
HRMT 430	HR Analytics & Program Evaluation	3
HRMT 450	Strategic Human Resources Management	3
LEGL 312	Legal Issues in the Workplace	3
Honours Designation Requirements		
BUSN 396	Advanced Quantitative Research Methods for Business	3
BUSN 397	Advanced Qualitative Research Methods for Management	3
BUSN 496	Senior Honours Seminar	3
Select one senior 400-level course as approved by faculty advisor		3
HRMT 499	Honours Thesis - Human Resources Management	3
Elective Requirement		
Non-Business Electives		15
Open Electives		3
Total Credits		**63**

Minor Requirements - Complete 15 senior-level credits (five courses) from this list:

Code	Title	Credits
HRMT 200	Management of Human Resources	3
Choose 12 credits (four courses) from the following:		12
HRMT 212	Employee Relations	
HRMT 214	Recruitment & Selection	
HRMT 216	Total Compensation Management	
HRMT 312	Labour Relations	
HRMT 315	Health, Safety & Wellness	
HRMT 318	Learning & Development	
HRMT 430	HR Analytics & Program Evaluation	
HRMT 450	Strategic Human Resources Management	
HRMT 497	Special Topics in Human Resource Management	
HRMT 498	Independent Research Study in Human Resource Management	
Total Credits		**15**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

Core and Major Requirements

The Bachelor of Commerce program consists of 120 non-duplicative credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 21-33 credits of specific coursework requirements. Refer to the Program of Study for each major for specific requirements.

Declaration of Major and Minor

Students are required to declare a major upon the completion of 60 credits and by published deadlines. As completion of one major is a graduation requirement, students are strongly encouraged to consult with an academic advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

Students have the option of completing a second major from existing majors in Commerce, or one or two minors, provided they can satisfy their requirements for Business, Non-Business, and Open electives with that non-duplicate coursework. Minors are comprised of 15 senior-level credits and are not a graduation requirement. Only one minor from outside the School of Business is permitted.

Depending on the courses or specializations in which a student chooses to enrol, meeting the requirements of a double major may require the completion of more than 120 credits. Further, students admitted into the Bachelor of Commerce via Block Transfer cannot complete a minor.

Electives and Options

The Bachelor of Commerce has specific requirements for elective and option credits.

The four categories are:

1. Options – a choice of courses from a list specified in the requirements for some majors
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's primary major. Students may use Business Electives to meet minor or second major requirements.
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major. Students may use Non-Business Electives to meet minor requirements inside and outside the School of Business.
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's primary major. Students may use Open Electives to meet minor or second major requirements.

Maximum 100 Level Courses

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies

Subsequent Baccalaureate

This degree does not offer Subsequent Baccalaurate programs of study to graduates of the Bachelor of Commerce degree.

Bachelor of Commerce Co-operative Education Programming

The co-operative education program component is competitive as there are limited co-op placements. Students interested in this program are encouraged to speak with a co-op advisor and visit the website for up-to-date information: MacEwan.ca/Co-op (https://www.macewan.ca/academics/programs/bachelor-of-commerce/academics/co-operative-education/).

Co-operative Education Degree Regulations

All students who apply and are accepted into the Co-operative Education stream will be subject to MacEwan Policy C2065 Co-operative Education and the Bachelor of Commerce Co-operative Education Degree Regulations.

Applying to the Co-Operative Education Stream

Once students are admitted to the Bachelor of Commerce program and meet eligibility criteria for the Co-operative Education Stream they may apply. International students are eligible to apply but are responsible for obtaining any visas or work permits that are required.

Withdrawal from the Co-operative Education Stream

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair or delegate from continuing in the Co-operative Education Stream. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student engages in behaviour that is contrary to the professional requirements of the work placement.

Additional Core Requirements

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

Code	Title	Credits
COOP 290	Co-op Pre-employment Seminar	0
COOP 295	Co-operative Education: First Work Experience (360 hours)	0
COOP 395	Co-Operative Education: Second Work Experience (360 hours)	0
COOP 495	Co-Operative Education: Third Work Experience (360 hours)	0

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

Work Placements and Timing

Each work placement will consist of a minimum of 360 hours of paid employment in a job that is relevant to the student's program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

Course Load During Full-Time Co-Op Work Terms

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), care of BCom, student services, explaining compelling reasons to enrol while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

Responsibility for Obtaining a Work Placement

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

Grade Point Average (GPA) Requirements

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

School of Business Degree-Level Program Learning Objectives

Each graduate of the Bachelor of Commerce program will be able to:

1. KNOWLEDGE OF BUSINESS AND MANAGEMENT

Outcome: Apply knowledge of business and management within and across functional areas of an organization.

2. DECISION MAKING AND SUSTAINABILITY

Outcome: Apply analytical and critical thinking skills, as well as qualitative and quantitative methods, to develop sustainable solutions to address organizational issues.

3. ENTREPRENEURSHIP, INNOVATION, AND CREATIVE THINKING

Outcome: Think creatively, innovatively, and develop an entrepreneurial mindset as well as applied business research to support organizational development.

4. GLOBAL MINDSET AND LOCAL EXPERTISE

Outcome: Integrate local, national, and international perspectives, while demonstrating cultural mindfulness of inclusion, equity, and diversity, notably as it relates to Indigenous cultures including an understanding of Indigenous peoples.

5. PROFESSIONALISM, ETHICS, AND SELF-DEVELOPMENT

Outcome: Demonstrate professionalism, personal integrity, and ethical behavior, while engaging in reflective practices for ongoing professional and personal development.

6. LEADERSHIP AND TEAMWORK

Outcome: Lead and participate effectively in teams in various roles and contexts, through a variety of leadership approaches.

7. COMMUNICATION AND TECHNOLOGY

Outcome: Communicate effectively, respectfully, and meaningfully; and use existing and emerging technologies to enhance the effectiveness and efficiency of business processes.

8. JOB READINESS AND FUTURE READINESS

Outcome: Acquire meaningful hands-on experience and practical know how via various forms of work-integrated learning to be job-ready and future-ready.

Human Resources Management Major Learning Objectives

1. Construct internal and external communications using language appropriate to their client groups

2. Gather and evaluate information from internal and external sources and stakeholders

3. Apply ethical practices in the employment relationship

4. Solve problems common to the employment relationship and business operations

5. Apply financial and numbers-based analysis to inform business decisions

6. Understand the needs and interests of diverse stakeholders in the employment relationship

7. Understand the dynamic relationship between organizational strategy, human resource strategy, and human resource practice

8. Communicate awareness of the role of human resources in change management

Student Plan

- Suggested Course Sequencing
- Minors, double minors, and double majors must be completed using required electives.

Year 1	Credits
BUSN 201	3
ECON 101	3
ECON 102	3
ENGL 102	3
LEGL 210	3
MGTS 103	3
Choose 3 credits (1 course) from this list:	3
MGTS 113	
MATH 114	
MATH 120	
Choose 3 credits (1 course) any ENGL course	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 2	Credits
ACCT 311	3
ACCT 322	3
FNCE 301	3
HRMT 200	3
HRMT 212	3
MARK 301	3
MGTS 312	3
ORGA 201	3
PROW 210	3
Non-Business Elective: Choose 3 credits (1 course) from any subject outside business.	3
	30

Year 3	Credits
LEGL 312	3
HRMT 214	3
HRMT 216	3
HRMT 312	3
HRMT 315	3
HRMT 318	3

MSYS 200		3
ORGA 316		3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.		6
		30
Year 4	**Credits**	
BUSN 450		3
MGTS 352		3
HRMT 430		3
HRMT 450		3
Business Electives: Choose 6 credits (2 courses) from any business course.		6
Non-Business Electives: Choose 3 credits (1 course) from any subject outside business.		3
Open Electives: Choose 9 credits (3 courses) from any subject		9
		30

Total Credits 120

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

International Business - Bachelor of Commerce

Overview

The International Business major prepares students to conduct business in an increasingly globalized environment. Students will learn how to apply concepts from various functional areas in a globalized context. They apply their conceptual, analytical, and technical competencies to integrate knowledge of international management and business functions in a global context to inform strategy and manage across borders. Students develop cross cultural and contextual competencies to manage effectively in a global context.

The Bachelor of Commerce

School of Business
MacEwan.ca/BCom (http://%E2%80%8BMacEwan.ca/BCom/)

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking

and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major/minor and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of seven majors: Accounting, Human Resources Management, International Business, Legal Studies in Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. Co-operative Education streams are also available. Students may explore their options in completing a second major, one or two minors, or a double major with a non-business minor. The program will prepare students for graduate studies in related fields.

All newly admitted students are admitted as "Undeclared". This means a student has not yet chosen a major which focuses a good portion of their degree on a specific discipline and area of study. Students generally declare their Major and Minors after they have completed a minimum of 45 credits. These declarations are expected from students who have made this decision between September 1 and February 15 (January 15 for competitive Majors and Minors). Information about Majors and Minors is available to students via email and newsletters and further assistance with this decision is available from the academic advisors in their program.

Commerce Disciplines

Discipline	Major	Minor	Honours
Accounting	◉	◉	◉
Human Resources Management	◉	◉	◉
International Business	◉	◉	◉
Legal Studies in Business	◉	◉	-
Management	◉	◉	◉
Marketing	◉	◉	◉
Supply Chain Management	◉	◉	-
Business Intelligence	-	◉	-
Finance	-	◉	-
Innovation & Entrepreneurship	-	◉	-
Property Management	-	◉	-

Out of School Minors

Discipline	Minor
Anthropology	◉
Digital Experience Design	◉
Economics	◉
French	◉
History	◉
Journalism	◉
Political Science	◉
Psychology	◉
Sociology	◉
Spanish	◉
Statistics	◉

Career Potential

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing, or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (Business@macewan.ca)

Bachelor of Commerce Requirements

Program Element	Description	Credits
Core	Business	39
Core	Non-Business	18
Total	**Core Requirement Credits**	**57**
Primary Major	Majors range from 21 to 30 credits with a minimum of 21 credits at the senior level and 12 of those credits at the 300 or 400-level. Majors are comprised of both required courses and a selection of options.	21-30
Non-Business Electives	Students must complete 15-21 credits of Non-Business electives and may use these credits to fulfill the requirements of a minor(s) or second major.	15-21
Open Electives	Students must complete 6-15 credits of Open electives and may use these credits to fulfill the requirements of a minor(s) or second major.	6-15
Business Electives	Students must complete 6 credits of Business electives and can use these credits to fulfill the requirements of a minor(s) or second major.	6
Minor(s) or second major	Students have the option of completing one or two minors, or a second major from the Bachelor of Commerce, provided they can satisfy their requirements for Business, Non-Business and Open Electives with that same coursework. Minors are comprised of 15 credits of senior-level coursework. Students are limited to one minor from outside the School of Business.	15-30
Total	**Required Minimum Core, Major and elective credits for the degree**	**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Core Business Courses

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 450	Strategic Management	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MSYS 200	Introduction to Management Information Systems	3
MGTS 103	Introduction to Business Statistics	3
MGTS 312	Advanced Business Statistics	3
MGTS 352	Operations Management	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3

Core Non-Business Courses

Code	Title	Credits
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
Select 3 credits of university ENGL [1]		3
PROW 210	Advanced Business Writing	3
Select 3 credits from the following:		3
MGTS 113	Introduction to Quantitative Decision-Making	
MATH 114	Elementary Calculus I	
MATH 120	Basic Linear Algebra I	

1 not including ENGL 108 or ENGL 111

Bachelor of Commerce Honours Requirements for Accounting, Human Resources Management, and Management

Bachelor of Commerce Honours students complete their program in 120 credits as do all Bachelor of Commerce students. They fulfill the requirements of the Honours Designation by taking 15 credits of Honours programming for their elective courses.

Code	Title	Credits
BUSN 396	Advanced Quantitative Research Methods for Business	3

BUSN 397	Advanced Qualitative Research Methods for Management	3
BUSN 496	Senior Honours Seminar	3
Choose one of:		**3**
ACCT 499	Honours Thesis - Accounting	
HRMT 499	Honours Thesis - Human Resources Management	
ORGA 499	Honours Thesis - Management	
Choose a Senior 400 level course as determined and approved by the Faculty Advisor		3
Total Credits		**15**

Bachelor of Commerce Honours Requirements for International Business

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 312	Marketing Research & Analytics	3
INTB 499	Honours Thesis - International Business	3
Total Credits		**9**

Bachelor of Commerce Honours Requirements for Marketing

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 499	Honours Thesis - Marketing	3
Total Credits		**6**

Course Substitutions

Program Requirements

International Business Major (p. 312)

International Business Honours (p. 312)

International Business Minor (p. 312)

Bachelor of Commerce - International Business Major

Major Requirements - Complete 27 senior-level credits from this list.

Code	Title	Credits
INTB 300	Introduction to International Business	3
INTB 320	Regional Perspectives of International Business	3
INTB 330	Cross Border Trade Transactions	3
INTB 400	Global Strategy	3
LEGL 310	Legal Aspects of International Business	3
Global Mindset/International Exposure - Choose 6 credits (two courses) from this list:		6
INTB 255	Doing Business Internationally - Study Tour	
INTB 311	Diversity and Intercultural Communication	
INTB 380	International Internship or Work Experience	
Language Other than English. All 6 credits must be in the same language.		
International Exchange Term(s) planned with an advisor		
Electives: Choose 6 credits (two courses) from this list:		6
FNCE 404	International Finance	
INTB 310	Global Business and Sustainability	
INTB 413	International Entrepreneurship	
INTB 497	Special Topics in International Business	
INTB 498	Independent Studies in International Business	
MARK 403	International Marketing	
SCMT 200	Introduction to Global Supply Chain Management	
SCMT 407	Global Sourcing and Logistics	
Elective Requirements		
Business Electives		6
Non-Business Electives		15
Open Electives		15
Total Credits		**63**

Bachelor of Commerce - International Business Honours

Overall Honours Requirement – Complete 27 senior-level courses from this list.

Code	Title	Credits
INTB 300	Introduction to International Business	3
INTB 320	Regional Perspectives of International Business	3
INTB 330	Cross Border Trade Transactions	3
INTB 400	Global Strategy	3
LEGL 310	Legal Aspects of International Business	3
Global Mindset/International Exposure - Choose 6 credits (two courses) from this list:		6
INTB 255	Doing Business Internationally - Study Tour	
INTB 311	Diversity and Intercultural Communication	
INTB 380	International Internship or Work Experience	
Language Other than English. All 6 credits must be in the same language.		
International Exchange Term(s) planned with an advisor		
Electives: Choose 6 credits (two courses) from this list:		6
FNCE 404	International Finance	
INTB 310	Global Business and Sustainability	
INTB 413	International Entrepreneurship	
INTB 497	Special Topics in International Business	
INTB 498	Independent Studies in International Business	
MARK 403	International Marketing	
SCMT 200	Introduction to Global Supply Chain Management	
SCMT 407	Global Sourcing and Logistics	
Specific Honours Designation Requirement		
BUSN 496	Senior Honours Seminar	3
INTB 499	Honours Thesis - International Business	3
MARK 312	Marketing Research & Analytics	3
Elective Requirement		
Non-Business Electives		15
Open Electives		12
Total Credits		**63**

Bachelor of Commerce - International Business Minor

Minor Requirement - Complete 15 senior-level credits (five courses) from this list:

Code	Title	Credits
INTB 300	Introduction to International Business	3
INTB 320	Regional Perspectives of International Business	3

INTB 330	Cross Border Trade Transactions	3
Choose 6 credits (two courses) from this list:		6
Any INTB course or:		
FNCE 404	International Finance	
LEGL 310	Legal Aspects of International Business	
MARK 403	International Marketing	
SCMT 200	Introduction to Global Supply Chain Management	
SCMT 407	Global Sourcing and Logistics	
Total Credits		**15**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

Core and Major Requirements

The Bachelor of Commerce program consists of 120 non-duplicative credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 21-33 credits of specific coursework requirements. Refer to the Program of Study for each major for specific requirements.

Declaration of Major and Minor

Students are required to declare a major upon the completion of 60 credits and by published deadlines. As completion of one major is a graduation requirement, students are strongly encouraged to consult with an academic advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

Students have the option of completing a second major from existing majors in Commerce, or one or two minors, provided they can satisfy their requirements for Business, Non-Business, and Open electives with that non-duplicate coursework. Minors are comprised of 15 senior-level credits and are not a graduation requirement. Only one minor from outside the School of Business is permitted.

Depending on the courses or specializations in which a student chooses to enrol, meeting the requirements of a double major may require the completion of more than 120 credits. Further, students admitted into the Bachelor of Commerce via Block Transfer cannot complete a minor.

Electives and Options

The Bachelor of Commerce has specific requirements for elective and option credits.

The four categories are:

1. Options – a choice of courses from a list specified in the requirements for some majors
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's primary major. Students may use Business Electives to meet minor or second major requirements.
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major. Students may use Non-Business Electives to meet minor requirements inside and outside the School of Business.
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's primary major. Students may use Open Electives to meet minor or second major requirements.

Maximum 100 Level Courses

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies

Subsequent Baccalaureate

This degree does not offer Subsequent Baccalaurate programs of study to graduates of the Bachelor of Commerce degree.

Bachelor of Commerce Co-operative Education Programming

The co-operative education program component is competitive as there are limited co-op placements. Students interested in this program are encouraged to speak with a co-op advisor and visit the website for up-to-date information: MacEwan.ca/Co-op (https://www.macewan.ca/academics/programs/bachelor-of-commerce/academics/co-operative-education/).

Co-operative Education Degree Regulations

All students who apply and are accepted into the Co-operative Education stream will be subject to MacEwan Policy C2065 Co-operative Education and the Bachelor of Commerce Co-operative Education Degree Regulations.

Applying to the Co-Operative Education Stream

Once students are admitted to the Bachelor of Commerce program and meet eligibility criteria for the Co-operative Education Stream they may apply. International students are eligible to apply but are responsible for obtaining any visas or work permits that are required.

Withdrawal from the Co-operative Education Stream

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair or delegate from continuing in the Co-operative Education Stream. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student

engages in behaviour that is contrary to the professional requirements of the work placement.

Additional Core Requirements

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

Code	Title	Credits
COOP 290	Co-op Pre-employment Seminar	0
COOP 295	Co-operative Education: First Work Experience (360 hours)	0
COOP 395	Co-Operative Education: Second Work Experience (360 hours)	0
COOP 495	Co-Operative Education: Third Work Experience (360 hours)	0

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

Work Placements and Timing

Each work placement will consist of a minimum of 360 hours of paid employment in a job that is relevant to the student's program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

Course Load During Full-Time Co-Op Work Terms

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), care of BCom, student services, explaining compelling reasons to enrol while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

Responsibility for Obtaining a Work Placement

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

Grade Point Average (GPA) Requirements

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

School of Business Degree-Level Program Learning Outcomes

Each graduate of the Bachelor of Commerce program will be able to:

1. KNOWLEDGE OF BUSINESS AND MANAGEMENT

Outcome: Apply knowledge of business and management within and across functional areas of an organization.

2. DECISION MAKING AND SUSTAINABILITY

Outcome: Apply analytical and critical thinking skills, as well as qualitative and quantitative methods, to develop sustainable solutions to address organizational issues.

3. ENTREPRENEURSHIP, INNOVATION, AND CREATIVE THINKING

Outcome: Think creatively, innovatively, and develop an entrepreneurial mindset as well as applied business research to support organizational development.

4. GLOBAL MINDSET AND LOCAL EXPERTISE

Outcome: Integrate local, national, and international perspectives, while demonstrating cultural mindfulness of inclusion, equity, and diversity, notably as it relates to Indigenous cultures including an understanding of Indigenous peoples.

5. PROFESSIONALISM, ETHICS, AND SELF-DEVELOPMENT

Outcome: Demonstrate professionalism, personal integrity, and ethical behavior, while engaging in reflective practices for ongoing professional and personal development.

6. LEADERSHIP AND TEAMWORK

Outcome: Lead and participate effectively in teams in various roles and contexts, through a variety of leadership approaches.

7. COMMUNICATION AND TECHNOLOGY

Outcome: Communicate effectively, respectfully, and meaningfully; and use existing and emerging technologies to enhance the effectiveness and efficiency of business processes.

8. JOB READINESS AND FUTURE READINESS

Outcome: Acquire meaningful hands-on experience and practical know how via various forms of work-integrated learning to be job-ready and future-ready.

International Business Major Learning Objectives

1. Integrate and apply business concepts to develop transnational strategies and support strategic management decisions in international contexts.

2. Apply conceptual models and analytical frameworks to identify the opportunities and risks associated with internationalization.

3. Apply and adapt business operations to the needs of an organization functioning in an international context.

4. Integrate knowledge of economic, political, social, technological, and regulatory trends of international regions in business planning.

5. Develop global awareness through international exposure activities to foster effective understanding and communication with international business stakeholders.

6. Apply knowledge of cross border trade transactions to conduct international trade.

Student Plan

- Suggested Course Sequencing. It is important to see an advisor to plan International Exchange Term(s).
- Minors, double minors, and double majors must be completed using required electives.

Year 1	Credits
ECON 101	3
ECON 102	3
BUSN 201	3
ENGL 102	3
LEGL 210	3
MGTS 103	3
Choose 3 credits (1 course) from this list:	3
MGTS 113	
MATH 120	
MATH 114	
Choose 3 credits (1 course) from any ENGL course	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 2	Credits
ACCT 311	3
ACCT 322	3
FNCE 301	3
INTB 300	3
MARK 301	3
MGTS 312	3
ORGA 201	3
PROW 210	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 3	Credits
INTB 320	3
INTB 330	3
LEGL 310	3
MGTS 352	3
MSYS 200	3
ORGA 316	3

Global Mindset/International Exposure: Choose 6 credits (2 courses) from: Language Other than English, International Exchange term(s), or:	6
INTB 255	
INTB 311	
INTB 380	
Business Elective: Choose 3 credits (1 course) from any business course.	3
Open Elective: Choose 3 credits (1 courses) from any subject	3
	30

Year 4	**Credits**
INTB 400	3
BUSN 450	3
International Business Electives: Choose 6 credits (2 courses) from this list:	6
FNCE 404	
INTB 310	
INTB 413	
INTB 497	
INTB 498	
MARK 403	
SCMT 200	
SCMT 407	
Non-Business Elective: Choose 3 credits (1 course) from any subject outside business.	3
Business Elective: Choose 3 credits (1 course) from any business course.	3
Open Electives: Choose 12 credits (4 courses) from any subject	12
	30

Total Credits 120

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Journalism Major - Bachelor of Communication Studies

Overview

The major in Journalism provides students with a strong set of writing, research, reporting and digital media production skills. Option courses let students specialize based on their interests: online digital storytelling, television production, arts and culture reporting, feature writing, current affairs reporting or investigative reporting.

Bachelor of Communication Studies

Faculty of Fine Arts and Communications
MacEwan.ca/CommunicationDegree (https://www.macewan.ca/academics/programs/bachelor-of-communication-studies/)

In our fast-paced world of evolving and conventional media, communication is key to interpersonal, organizational and career success. The Bachelor of Communication Studies program provides students with a solid foundation in the fundamental skills of critical thinking, writing, editing, and research. Common coursework for professional communication and journalism majors builds a foundation in language, composition, visual communication, communication theory, communication law and research methods, supported by a liberal arts framework. The courses in the majors offer depth, specialization, and choice. The minors provide additional scope and depth to your studies. The program offers many opportunities to integrate what you have learned in the classroom with real-life projects that engage the

community and provide students with an enhanced learning experience. The field is forward-looking, and so is this program of studies.

Years 1 and 2 include common coursework for both professional communication and journalism majors that builds a foundation in language, composition, visual communication, communication theory, communication law, and research methods. Years 3 and 4 provide specialization in editing, strategic communication, technical communication or film studies (in the professional communication major), or in news gathering, digital media production, or film studies (in the journalism major).

Year 3 includes an ethical practice and portfolio course, followed by a professional field placement that includes BCSC 395 or BCSC 398. Students conclude year 4 with skills, experience and practical proof of their communication competency.

The Bachelor of Communication Studies program prepares students for strategic roles in business, traditional and new media, not-for-profit and public sector organizations: wherever clear, correct, and effective messages are valued. Confident in research methodology and contemporary communication theory, students are also ready for graduate studies in communication or a related field.

Career Potential

Graduates of MacEwan University's Bachelor of Communication Studies will have competency in critical problem solving, global awareness and cultural sensitivity, creativity, information and research literacy, and ethical and professional practice. These competencies will bring career success in a variety of positions – writer, editor, researcher, journalist, reporter, marketer, client or community relations practitioner, communications advisor, communications coordinator, public information officer, producer, social media contact, reviewer, analyst, commentator – and in many roles that have yet to be created.

Technology Integration for Creative Learning (TICL)

On entering the second year of the Bachelor of Communication Studies program, students in the Journalism major will need to purchase a Mac laptop and necessary software identified by the program. For specifications, refer to the program website (https://www.macewan.ca/academics/programs/bachelor-of-communication-studies/) or contact an advisor.

Contact Information

communicationdegree@macewan.ca

Degree Requirements

Program Element	Description	Credits
Core Requirements	Students complete 30 credits of Communication courses and 6 credits of English courses.	36
Breadth Requirements	Students complete 24 to 27 credits of breadth requirements, depending on their major and minor. In addition, students must take at least three credits of an Indigenous-related course to fulfill the breadth requirement. Consult your academic adviser for a list of approved courses.	24-27
Major Requirements	Students complete 24 to 27 credits of required courses in their chosen major. The number of required courses varies by major.	24-27
Minor Requirements	Students complete 12 to 18 credits in their chosen minor.	12-18
Options	Students complete 15 to 21 credits of options, which vary by major and minor.	15-21
Total Credits		**120**

Core Requirements

Code	Title	Credits
BCSC 100	Grammar and Composition Foundations	3
BCSC 101	Interpersonal Communication	3
BCSC 102	Introduction to Visual Communication	3
BCSC 200	Communication Theory	3
BCSC 203	Introduction to Research Methods	3
BCSC 206	Introduction to Audio and Video (BCSC 206 is now a shared core replacing BCSC 202)	3
BCSC 302	Online Content Production	3
BCSC 306	Ethical Practice and Portfolio	3
BCSC 307	Communication Law I	3
BCSC 411	Advanced Research Methods	3
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
Total Credits		**36**

Course Substitutions

List of Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
BCSC 301	BCSC 307
BCSC 433	BCSC 412
JOUR 106	BCSC 210

JOUR 108 or JOUR 156	BCSC 313
JOUR 150	BCSC 211
JOUR 152	BCSC 320
JOUR 154	BCSC 323
JOUR 155	BCSC 424
JOUR 251	BCSC 311
JOUR 257	BCSC 423
JOUR 258	BCSC 325
JOUR 259	BCSC 398
PROW 100	BCSC 100
PROW 102	BCSC 282
PROW 104	BCSC 253
PROW 115	BCSC 203
PROW 117	BCSC 102
PROW 135	BCSC 215
PROW 204	BCSC 221
PROW 205	BCSC 301 or BCSC 307
PROW 210	BCSC 100
PROW 211	BCSC 100
PROW 224	BCSC 241
PROW 226	BCSC 340
PROW 228	BCSC 440
PROW 235	BCSC 260
PROW 240	BCSC 332
PROW 250	BCSC 216
PROW 302	BCSC 202
PROW 304	BCSC 326
PROW 307	BCSC 328
PROW 308	BCSC 223
PROW 310	BCSC 343
PROW 315	BCSC 331
PROW 316	BCSC 342
PROW 317	BCSC 352
PROW 318	BCSC 441
PROW 330	BCSC 432
PROW 331	BCSC 341
PROW 335	BCSC 360
PROW 336	BCSC 361
PROW 337	BCSC 362
PROW 338	BCSC 461
PROW 343	BCSC 310

Major Requirements

Breadth Element	Description	Credits
Humanities *	CLAS, CHIN, CRWR, ENGL (other than ENGL 102, ENGL 103, ENGL 104, ENGL 105), FREN, GERM, GREK, HUMN, HIST, NEHI, PHIL, JAPN, SPAN	6
Sciences	ASTR, BIOL, CHEM, CMPT, EASC, MATH, PHYS, PSYC, STAT, ZOOL, HLST 210, SUST 201	6
Social Sciences *	ANTH, ECON, GEND, INDG, POLS, PSYC, SOCI	6-9
Fine Arts/Performing Arts *	AGAD, ARTE, CLAS (CLAS 252 or CLAS 353), CRWR, DESN, DRMA, MUSC, THAR, THPR	6

*

3 credits of the Indigenous course requirement must be fulfilled from the approved course list within the Bachelor of Communications department. Please consult your academic advisor

Code	Title	Credits
Major Requirements		
BCSC 201	Foundations of Journalism	3
BCSC 210	Introduction to News Reporting	3
BCSC 320	News, Media and Democracy: Understanding Information in the 21st-Century	3
BCSC 327	Online News Reporting: Journalism in the Digital Age	3
BCSC 397	Digital News Publishing I	3
BCSC 398	Professional Field Placement	3
BCSC 412	Advanced News Reporting	3
BCSC 497	Digital News Publishing II	3
Minor Requirements		
Students complete 18 credits from their chosen minor. The specific minor requirements are listed below.		18
Major Options		
Students choose 18 to 24 credits of options, depending on their minor. The specific option requirements by minor are listed below.		18-24
Breadth Requirements		
Students choose between 24 and 27 credits of breadth requirements, depending on their minor. The specific breadth requirements by minor are listed below:		24-27
Professional Communication Minor: Students choose 27 credits of breadth requirements from the following categories: 6 credits from Humanities, 9 credits from Social Sciences, 6 credits from Sciences, and 6 credits from Fine Arts/Performing Arts. A minimum of 9 credits must be at the senior level.		
All Other Minors: Students choose 24 credits breadth requirements from the following categories: 6 credits from Humanities, 6 credits from Social Sciences, 6 credits from Sciences, and 6 credits from Fine Arts/Performing Arts. A minimum of 9 credits must be at the senior level.		
Total Credits		**87**

Minor Requirements

Digital Experience Design Minor

The Digital Experience Design minor is a competitive minor. Students will need to have completed or be enrolled in DESN 242 before declaring a DXD Minor. The program consists of 18 non-duplicative credits.

Courses used for DXD minor cannot be used to fulfill other major or minor requirements.

Code	Title	Credits
Minor Requirements		
DESN 242	Introduction to Digital Experience Design for Non-Designers	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 344	Interaction Design I	3
DESN 442	Information Architecture	3
Minor Options		
Choose 6 credits from the following:		6
DESN 340	Web Design & Development I	
DESN 440	Web Design & Development II	
DESN 444	Interaction Design II	
DESN 445	Service Design	
Total Credits		**18**

Film Minor

Code	Title	Credits
Minor Requirements		
Choose 3 credits from the following:		3
BCSC 205	Introduction to Film Studies and Narrative	
or ENGL 288	Introduction to Film Narrative	
Minor Options		
Choose 15 credits from the following: [1]		15
BCSC 206	Introduction to Audio and Video	
BCSC 207	Documentary Film Principles and Practices	
BCSC 223	Introduction to Screenwriting	
BCSC 303	Popular Culture and Film Studies: Film Noir	
BCSC 305	Popular Culture and Film Studies: Science Fiction	
BCSC 328	Documentary Screenwriting	
CLAS 200	Classics and Film: Classical Reception in the Cinema	
ENGL 386	Studies in Screen Narrative	
ENGL 387	Studies in Film Adaptation	
ENGL 388	Topics in Film Studies	
MUSC 416	Scoring for Film and Other Visual Media	
PHIL 383	Philosophy of Film	
SPAN 322	Contemporary Spanish and Latin American Films	
SPAN 350	Magical Realism, Subversion and Sexuality in Hispanic Films and Literature	
Total Credits		**18**

[1] Year to year different topics courses may be permitted for use towards the 15-credit requirement. These courses include BCSC 426, CRWR 404, ENGL 219, ENGL 364, ENGL 368, ENGL 382, ENGL 391, ENGL 398, ENGL 401, ENGL 489, ENGL 498, MUSC 424, and MUSC 427. Please refer to the Film Minor webpage for more information.

Graphic Design

Code	Title	Credits
The Graphic Design minor is a competitive minor that consists of 18, non-duplicative credits. Courses used for Graphic Design minor cannot be used to fulfill other major or minor requirements.		
The following 4 courses are required:		
DESN 110	Design Studio I: Visual Organization, Composition and Visual Language	3
DESN 120	Design Software I	3
DESN 131	Typography I	3
DESN 203	Concept Visualization	3
Students also choose 2 from the following options:		
DESN 150	Image Structure and Meaning	3
DESN 171	History of Visual Communication Design	3
DESN 205	Design Studio II: Process, Audience, and Context	3
DESN 220	Design Software II	3
DESN 250	Introduction to Photography	3
DESN 260	Introduction to Video	3

Professional Communication Minor

Code	Title	Credits
Minor Requirements		
The following courses, also listed under Core Requirements, are used for the Core Requirements and the Professional Communication minor requirements		
BCSC 100	Grammar and Composition Foundations	3
BCSC 200	Communication Theory	3
Minor Options		
Complete BCSC 307 and 9 credits from the following list: [1]		12
BCSC 215	Proofreading and Copyediting	
BCSC 216	Professional Communication	
BCSC 241	Introduction to Technical Communication	
BCSC 253	Classical and Modern Rhetoric	
BCSC 260	Substantive and Structural Editing	
BCSC 310	Strategic Communication Planning	
BCSC 326	Rhetoric of Popular Culture	
BCSC 340	Technical Communication for Digital Applications	
BCSC 352	The Media and the Message	
BCSC 360	Magazine Editing	
BCSC 361	Book Editing	
BCSC 362	Print Culture Studies	
BCSC 365	Editing and Publishing Poetry	
BCSC 400	Intercultural Communication	
BCSC 418	Organizational Communication Theory	
BCSC 440	Technical Communication: Safety Standards and Policies	
BCSC 441	Technical Communication for Policy Writing	
BCSC 461	Production Editing and Publication Management	
Total Credits		**18**

1

In addition to the 9 credits of Professional Communication minor options to be taken, the core required course, BCSC 307, will also be included for a total of 12 credits of minor options.

Major Options

Students choose options from the list below. The number of options students must choose varies by minor, may not be offered every year, and are subject to space availability. If courses are required by a specific minor, they cannot also be used as options.

Journalism Major Options

BCSC 205	Introduction to Film Studies and Narrative	3
BCSC 207	Documentary Film Principles and Practices	3
BCSC 211	News Production Process	3
BCSC 223	Introduction to Screenwriting	3
BCSC 303	Popular Culture and Film Studies: Film Noir	3
BCSC 305	Popular Culture and Film Studies: Science Fiction	3
BCSC 308	Communication Law II	3
BCSC 322	Interviewing Techniques	3
BCSC 323	Photojournalism	3
BCSC 325	Radio News and Documentaries	3
BCSC 328	Documentary Screenwriting	3
BCSC 341	Literary Journalism	3
BCSC 342	Writing for Periodicals	3
BCSC 379	Public Affairs Data Journalism	3
BCSC 380	Independent Study in Communications	3
BCSC 385	Specialized Reporting	3
BCSC 415	Global Media Systems	3
BCSC 422	Advanced Reporting and Writing: The Feature	3
BCSC 423	Broadcast News Current Affairs	3
BCSC 424	Reporting on Canadian Politics	3
BCSC 425	Investigative Journalism	3
BCSC 426	Advanced Seminar in Journalism	3
BCSC 480	Advanced Independent Study in Communications	3
BCSC 499	Innovation and Entrepreneurship: New Ventures in Digital Media	3

Pathways

The pathways below are recommendations on courses students could choose for the 9 credits of minor options if they have a particular area of interest. Students can also develop their own pathway by selecting various minor options.

Strategic Communication

BCSC 216	Professional Communication	3
BCSC 253	Classical and Modern Rhetoric	3
BCSC 310	Strategic Communication Planning	3
BCSC 418	Organizational Communication Theory	3

Communication Theory

Complete BCSC 307, which is a core required course, and any or all of the following:		3
BCSC 352	The Media and the Message	3
BCSC 362	Print Culture Studies	3
BCSC 400	Intercultural Communication	3

Professional Editing

BCSC 215	Proofreading and Copyediting	3
BCSC 260	Substantive and Structural Editing	3
BCSC 360	Magazine Editing	3
BCSC 361	Book Editing	3
BCSC 362	Print Culture Studies	3
BCSC 365	Editing and Publishing Poetry	3
BCSC 461	Production Editing and Publication Management	3
BCSC 462	Advanced Seminar in Editing and Publishing	3

Technical Communication

BCSC 241	Introduction to Technical Communication	3
BCSC 340	Technical Communication for Digital Applications	3
BCSC 440	Technical Communication: Safety Standards and Policies	3
BCSC 441	Technical Communication for Policy Writing	3

Degree Regulations

Students are strongly encouraged to seek advice from a faculty or university advisor about fulfilling these degree requirements.

Declaration of a Major and a Minor

Students declare their major and minor at the time of application. Students may redeclare their major and minor if required. Students are advised to redeclare by the time they have completed 45 credits or earlier. Students are advised to seek advice from the Academic Advisor before redeclaring their major and minor.

Breadth Requirement

Students in the Professional Communication major complete 24 credits of baccalaureate-level courses and students in the Journalism major complete 24 to 27 credits of baccalaureate-level courses, as outlined in the Program of Study. A minimum of nine credits must be at the senior level in each major. In addition, students must take at least three credits of an Indigenous-related course to fulfill the breadth requirement. Consult your academic adviser for a list of approved courses.

Core Field Placement Requirements

All program students must successfully complete a field placement component to their Program of Study.

Journalism major students will complete BCSC 398, which is a three-credit, full-time or part-time 180-hour field placement, after successfully completing at least 84 out of 120 credits required for the degree, as well as BCSC 327 Online News Reporting. It is highly recommended, but not required, for journalism students to also complete BCSC 412 Advanced News Reporting.

Professional Communication major students will complete BCSC 395 Professional Field Placement and Practice, which is a three-credit, full-time or part-time 250-hour field placement with an academic course component, after successfully completing at least 84 out of 120 credits required for the degree.

The program will assist students in finding field placement opportunities; however, students are ultimately responsible for securing their own work placements, and all placements must be approved by the program. Students must comply with the Workplace Integrated Learning Policy regarding their field placement.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

Senior-Level Coursework Requirements

A minimum of 72 credits of the total 120 program credits must be at the senior level. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the degree and will not be counted toward fulfilment of graduation requirements.

Option Requirements

Students are required to complete between 15 and 21 credits of major options. Students in the Professional Communication major complete 15 to 21 credits of major options, depending on their chosen minor, and students in the Journalism major complete 18 credits of major options. Students must select from a list of BCSC option courses designed for each major and minor. Not all option courses are offered each term or year. These courses must be at the baccalaureate level.

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major and minor. Students who declare their major and minor up to and including February 15 are bound by the requirements of the current academic year. Those students who declare after February 15 are bound by the programs of study and degree requirements of the upcoming calendar year published in the academic calendar.

Progression of Studies

Students are responsible for ensuring they fulfill the prerequisite and/or co-requisite requirements of courses taken to complete the Bachelor of Communication Studies.

Minimum Transfer Grade for Credit

A minimum grade of D is required for any transfer credit granted for the program. Courses in the Program of Study require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions are final and cannot be appealed (See Policies C2030 and E3103).

Program Learning Outcomes

1. Demonstrate a critical understanding of the discourses of communication and cultural studies.
2. Employ research strategies to gather, evaluate, and integrate information into communication formats.
3. Develop a sustained argument using appropriate rhetorical strategies and use generative and organizational heuristics to achieve clarity, precision, and coherence in all communication.
4. Demonstrate effective decision making.
5. Create original work that benefits from peer editing and the conscious integration of creative strategies.
6. Communicate effectively, reliably, and accurately—orally, in print, and online—to a variety of audiences.
7. Apply ethical frameworks and codes against which to evaluate personal judgments, moral reasoning, and best practice, including those related particularly to research, editing, journalistic standards, professional communication, and publishing.
8. Demonstrate knowledge of ethical practice through analysis issues such as fairness, truth, and responsibility.
9. Demonstrate an informed understanding of the social consequences resulting from the widespread use of information, communication technologies, and media convergence.
10. Study and demonstrate an understanding of best practice as a communication professional and professional journalist through a critical self-evaluation of individual competency and the formulation of an individual professional development plan to address this constructive self-analysis.
11. Demonstrate initiative, personal responsibility, accountability, academic integrity, and social responsibility.
12. Work collaboratively with others.

Journalism Major Learning Outcomes

1. Examine the role of the journalist in civil society through analysis of historical and current issues such as individuals' and diverse groups' access to and representation by media.
2. Demonstrate knowledge of historical, political, societal foundations upon which to evaluate events and issues covered.
3. Apply an intercultural and interdisciplinary critical framework in which to analyze and evaluate the effects of dynamic and emerging new media trends on individuals and communities.
4. Demonstrate effective interviewing skills.
5. Generate original story ideas, develop them through the process of research, and present them in an effective way for the chosen medium.
6. Create stories in print, oral, visual, and interactive media—stories that demonstrate a creative "tradigital" approach to opportunities provided by traditional and digital media.
7. Build on foundational research methods and principles to a more advanced level of applied research required of professional journalists.
8. Apply ethical frameworks against which to evaluate personal judgment and moral reasoning, including those related to fairness, truth, and responsibility.
9. Analyze and evaluate the impact of national and international law on the journalist's ability to gather, process, and disseminate information on a national and international level.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 per cent (or equivalent)

OR

- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Film Minor

For Bachelor of Communication Studies

Over the past century, film has stood as one of the most significant influences on culture, often straddling an uncertain divide between popular entertainment and elite artistic and philosophical expression. Given the importance of film to 20th and 21st-century world culture, this minor provides post-secondary students an opportunity to investigate its significant cultural and philosophical impact.

The Film minor is an interdisciplinary and interfaculty minor that draws from courses from the Faculty of Fine Arts and Communications and the Faculty of Arts and Science, offering students a range of film courses taught by experts in filmmaking and film analysis from a variety of departments. MacEwan students will study film from a broad perspective, discovering and sustaining a strong scholarly focus while working alongside qualified faculty members, and be afforded personal learning experiences that foster a distinctly global perspective. Students will come away with a rich understanding of film that is theoretical, practical, historical, critical, aesthetic, and cultural.

The Film minor requires 18 credits with a minimum of 6 credits at the 300- or 400-level.

Code	Title	Credits
Minor Requirements		
Choose 3 credits from the following:		3
BCSC 205	Introduction to Film Studies and Narrative	
or ENGL 288	Introduction to Film Narrative	
Minor Options		
Choose 15 credits from the following: [1]		15
BCSC 206	Introduction to Audio and Video	
BCSC 207	Documentary Film Principles and Practices	
BCSC 223	Introduction to Screenwriting	
BCSC 303	Popular Culture and Film Studies: Film Noir	
BCSC 305	Popular Culture and Film Studies: Science Fiction	
BCSC 328	Documentary Screenwriting	
CLAS 200	Classics and Film: Classical Reception in the Cinema	
ENGL 386	Studies in Screen Narrative	
ENGL 387	Studies in Film Adaptation	
ENGL 388	Topics in Film Studies	
MUSC 416	Scoring for Film and Other Visual Media	
PHIL 383	Philosophy of Film	
SPAN 322	Contemporary Spanish and Latin American Films	
SPAN 350	Magical Realism, Subversion and Sexuality in Hispanic Films and Literature	
Total Credits		**18**

[1] Year to year different topics courses may be permitted for use towards the 15-credit requirement. These courses include BCSC 426, CRWR 404, ENGL 219, ENGL 364, ENGL 368, ENGL 382, ENGL 391, ENGL 398, ENGL 401, ENGL 489, ENGL 498, MUSC 424, and MUSC 427. Please refer to the Film Minor webpage for more information.

Legal Studies in Business - Bachelor of Commerce

Overview

Knowledge of the commercial legal environment in which business operates is an increasingly important facet of business education. In today's business environment, virtually every aspect of business decision-making and operation is affected by legal considerations. A wide range of topics of study are available: intellectual property law, real estate law, administrative and regulatory law, creditor and debtor law, legal research and analysis, real estate transactions, civil litigation and dispute resolution, and ethics and the law.

The Bachelor of Commerce

School of Business
MacEwan.ca/BCom (http://%E2%80%8BMacEwan.ca/BCom/)

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major/minor and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of seven majors: Accounting, Human Resources Management, International Business, Legal Studies in Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. Co-operative Education streams are also available. Students may explore their options in completing a second major, one or two minors, or a double major with a non-business minor. The program will prepare students for graduate studies in related fields.

All newly admitted students are admitted as "Undeclared". This means a student has not yet chosen a major which focuses a good portion of their degree on a specific discipline and area of study. Students generally declare their Major and Minors after they have completed a minimum of 45 credits. These declarations are expected from students who have

made this decision between September 1 and February 15 (January 15 for competitive Majors and Minors). Information about Majors and Minors is available to students via email and newsletters and further assistance with this decision is available from the academic advisors in their program.

Commerce Disciplines

Discipline	Major	Minor	Honours
Accounting	◉	◉	◉
Human Resources Management	◉	◉	◉
International Business	◉	◉	◉
Legal Studies in Business	◉	◉	-
Management	◉	◉	◉
Marketing	◉	◉	◉
Supply Chain Management	◉	◉	-
Business Intelligence	-	◉	-
Finance	-	◉	-
Innovation & Entrepreneurship	-	◉	-
Property Management	-	◉	-

Out of School Minors

Discipline	Minor
Anthropology	◉
Digital Experience Design	◉
Economics	◉
French	◉
History	◉
Journalism	◉
Political Science	◉
Psychology	◉
Sociology	◉
Spanish	◉
Statistics	◉

Career Potential

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing, or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

Contact Information

T: 780-497-5162

E: Business@MacEwan.ca (Business@macewan.ca)

Bachelor of Commerce Requirements

Program Element	Description	Credits
Core	Business	39
Core	Non-Business	18
Total	**Core Requirement Credits**	**57**
Primary Major	Majors range from 21 to 30 credits with a minimum of 21 credits at the senior level and 12 of those credits at the 300 or 400-level. Majors are comprised of both required courses and a selection of options.	21-30
Non-Business Electives	Students must complete 15-21 credits of Non-Business electives and may use these credits to fulfill the requirements of a minor(s) or second major.	15-21
Open Electives	Students must complete 6-15 credits of Open electives and may use these credits to fulfill the requirements of a minor(s) or second major.	6-15
Business Electives	Students must complete 6 credits of Business electives and can use these credits to fulfill the requirements of a minor(s) or second major.	6
Minor(s) or second major	Students have the option of completing one or two minors, or a second major from the Bachelor of Commerce, provided they can satisfy their requirements for Business, Non-Business and Open Electives with that same coursework. Minors are comprised of 15 credits of senior-level coursework. Students are limited to one minor from outside the School of Business.	15-30
Total	**Required Minimum Core, Major and elective credits for the degree**	**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Core Business Courses

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 450	Strategic Management	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MSYS 200	Introduction to Management Information Systems	3
MGTS 103	Introduction to Business Statistics	3
MGTS 312	Advanced Business Statistics	3
MGTS 352	Operations Management	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3

Core Non-Business Courses

Code	Title	Credits
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
Select 3 credits of university ENGL [1]		3
PROW 210	Advanced Business Writing	3
Select 3 credits from the following:		3
MGTS 113	Introduction to Quantitative Decision-Making	
MATH 114	Elementary Calculus I	
MATH 120	Basic Linear Algebra I	

1 not including ENGL 108 or ENGL 111

Course Substitutions

Program Requirements

Legal Studies in Business Major (p. 326)

Legal Studies in Business Minor (p.)

Bachelor of Commerce - Legal Studies in Business Major

Major Requirements – Complete 21 senior-level credits (7 courses) from this list:

Code	Title	Credits
LEGL 308	Administrative Law and the Regulatory Environment	3
LEGL 315	Business Law II	3
LEGL 320	Law of Business Organizations	3
Choose 6 credits (two courses) from the following:		6
LEGL 310	Legal Aspects of International Business	
LEGL 311	Law of Business Transactions	
LEGL 312	Legal Issues in the Workplace	
LEGL 350	Real Estate Law	
Choose 6 credits (two courses) from the following:		6
LEGL 420	Intellectual Property Law	
LEGL 430	Ethics and the Law	
LEGL 440	Law of Corporate Finance	
LEGL 460	Legal Issues in Indigenous Business Relations	
LEGL 470	Jurisprudence	
LEGL 497	Special Topics in Legal Studies in Business	
LEGL 498	Independent Studies in Business Law	
Elective Requirements		
Business Electives		6
Non-Business Electives		21
Open Electives		15
Total Credits		**63**

Bachelor of Commerce - Legal Studies in Business Minor

Minor Requirements - Complete 15 senior-level credits (five courses) from this list:

Note: At least three LEGL credits must be at the 400-level.

Code	Title	Credits
LEGL 315	Business Law II	3
Choose 12 credits (four courses) from 300 or 400-level LEGL courses		12
Total Credits		**15**

Program Regulations

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

Core and Major Requirements

The Bachelor of Commerce program consists of 120 non-duplicative credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 21-33 credits of specific coursework requirements. Refer to the Program of Study for each major for specific requirements.

Declaration of Major and Minor

Students are required to declare a major upon the completion of 60 credits and by published deadlines. As completion of one major is a graduation requirement, students are strongly encouraged to consult with an academic advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

Students have the option of completing a second major from existing majors in Commerce, or one or two minors, provided they can satisfy their requirements for Business, Non-Business, and Open electives with that non-duplicate coursework. Minors are comprised of 15 senior-level credits and are not a graduation requirement. Only one minor from outside the School of Business is permitted.

Depending on the courses or specializations in which a student chooses to enrol, meeting the requirements of a double major may require the completion of more than 120 credits. Further, students admitted into the Bachelor of Commerce via Block Transfer cannot complete a minor.

Electives and Options

The Bachelor of Commerce has specific requirements for elective and option credits.

The four categories are:

1. Options – a choice of courses from a list specified in the requirements for some majors
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's primary major. Students may use Business Electives to meet minor or second major requirements.
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major. Students may use Non-Business Electives to meet minor requirements inside and outside the School of Business.
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's primary major. Students may use Open Electives to meet minor or second major requirements.

Maximum 100 Level Courses

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies

Subsequent Baccalaureate

This degree does not offer Subsequent Baccalaurate programs of study to graduates of the Bachelor of Commerce degree.

Bachelor of Commerce Co-operative Education Programming

The co-operative education program component is competitive as there are limited co-op placements. Students interested in this program are encouraged to speak with a co-op advisor and visit the website for up-to-date information: MacEwan.ca/Co-op (https://www.macewan.ca/academics/programs/bachelor-of-commerce/academics/co-operative-education/).

Co-operative Education Degree Regulations

All students who apply and are accepted into the Co-operative Education stream will be subject to MacEwan Policy C2065 Co-operative Education and the Bachelor of Commerce Co-operative Education Degree Regulations.

Applying to the Co-Operative Education Stream

Once students are admitted to the Bachelor of Commerce program and meet eligibility criteria for the Co-operative Education Stream they may apply. International students are eligible to apply but are responsible for obtaining any visas or work permits that are required.

Withdrawal from the Co-operative Education Stream

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair or delegate from continuing in the Co-operative Education Stream. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student engages in behaviour that is contrary to the professional requirements of the work placement.

Additional Core Requirements

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

Code	Title	Credits
COOP 290	Co-op Pre-employment Seminar	0
COOP 295	Co-operative Education: First Work Experience (360 hours)	0
COOP 395	Co-Operative Education: Second Work Experience (360 hours)	0
COOP 495	Co-Operative Education: Third Work Experience (360 hours)	0

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

Work Placements and Timing

Each work placement will consist of a minimum of 360 hours of paid employment in a job that is relevant to the student's program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

Course Load During Full-Time Co-Op Work Terms

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), care of BCom, student services, explaining compelling reasons to enrol while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

Responsibility for Obtaining a Work Placement

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

Grade Point Average (GPA) Requirements

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

School of Business Degree-Level Program Learning Objectives

Each graduate of the Bachelor of Commerce program will be able to:

1. KNOWLEDGE OF BUSINESS AND MANAGEMENT

Outcome: Apply knowledge of business and management within and across functional areas of an organization.

2. DECISION MAKING AND SUSTAINABILITY

Outcome: Apply analytical and critical thinking skills, as well as qualitative and quantitative methods, to develop sustainable solutions to address organizational issues.

3. ENTREPRENEURSHIP, INNOVATION, AND CREATIVE THINKING

Outcome: Think creatively, innovatively, and develop an entrepreneurial mindset as well as applied business research to support organizational development.

4. GLOBAL MINDSET AND LOCAL EXPERTISE

Outcome: Integrate local, national, and international perspectives, while demonstrating cultural mindfulness of inclusion, equity, and diversity, notably as it relates to Indigenous cultures including an understanding of Indigenous peoples.

5. PROFESSIONALISM, ETHICS, AND SELF-DEVELOPMENT

Outcome: Demonstrate professionalism, personal integrity, and ethical behavior, while engaging in reflective practices for ongoing professional and personal development.

6. LEADERSHIP AND TEAMWORK

Outcome: Lead and participate effectively in teams in various roles and contexts, through a variety of leadership approaches.

7. COMMUNICATION AND TECHNOLOGY

Outcome: Communicate effectively, respectfully, and meaningfully; and use existing and emerging technologies to enhance the effectiveness and efficiency of business processes.

8. JOB READINESS AND FUTURE READINESS

Outcome: Acquire meaningful hands-on experience and practical know how via various forms of work-integrated learning to be job-ready and future-ready.

Legal Studies Major Learning Objectives

1. Apply legal principles and best practices to commonly encountered business transactions.

2. Analyze the impact of the legal environment on business activities.

3. Facilitate compliance with ethical, regulatory, and legal environments.

4. Manage legal risk associated with particular business activities.

5. Manage legal risk associated with particular business activities.

6. Conform to legal and ethical standards of conduct in all aspects of business activity and decision-making.

Student Plan

- Suggested Course Sequencing
- Minors, double minors, and double majors must be completed using required electives.

Year 1	Credits
BUSN 201	3
ECON 101	3
ECON 102	3
ENGL 102	3
LEGL 210	3
MGTS 103	3
Choose 3 credits (1 course) from this list:	3
MGTS 113	
MATH 120	
MATH 114	
Choose 3 credits (1 course) from any ENGL course	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 2	Credits
ACCT 311	3
ACCT 322	3
FNCE 301	3
MARK 301	3
MGTS 312	3
PROW 210	3
ORGA 201	3
Non-Business Electives: Choose 9 credits (3 courses) from any subject	9
	30

Year 3	Credits
LEGL 308	3
LEGL 315	3
LEGL 320	3
MGTS 352	3
MSYS 200	3
ORGA 316	3
Business Electives: Choose 3 credits (1 course) from any business course.	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
Open Electives: Choose 3 credits (1 courses) from any subject	3
	30

Year 4	Credits
BUSN 450	3
Option Requirement: Choose 6 credits (2 courses) from this list:	6

LEGL 310	
LEGL 311	
LEGL 312	
LEGL 350	
Option Requirement: Choose 6 credits (2 courses) from this list:	6
LEGL 420	
LEGL 430	
LEGL 440	
LEGL 460	
LEGL 470	
LEGL 497	
LEGL 498	
Business Electives: Choose 3 credits (1 course) from any business course.	3
Open Electives: Choose 12 credits (4 courses) from any subject	12
	30

Total Credits 120

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Management - Bachelor of Commerce

Overview

The Management major focuses on the management of organizations. It provides students with a solid foundation in the fundamentals of business and specialization in key aspects of leadership, including team building, conflict resolution, consulting, change management, and organizational development. The major is flexible, allowing students to study a range of contexts: local and global industry, the not-for-profit sector, and government. It also has significant opportunity for the student to enhance their studies through business and non-business electives.

The Bachelor of Commerce

School of Business
MacEwan.ca/BCom (http://%E2%80%8BMacEwan.ca/BCom/)

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking

and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major/minor and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of seven majors: Accounting, Human Resources Management, International Business, Legal Studies in Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. Co-operative Education streams are also available. Students may explore their options in completing a second major, one or two minors, or a double major with a non-business minor. The program will prepare students for graduate studies in related fields.

All newly admitted students are admitted as "Undeclared". This means a student has not yet chosen a major which focuses a good portion of their degree on a specific discipline and area of study. Students generally declare their Major and Minors after they have completed a minimum of 45 credits. These declarations are expected from students who have made this decision between September 1 and February 15 (January 15 for competitive Majors and Minors). Information about Majors and Minors is available to students via email and newsletters and further assistance with this decision is available from the academic advisors in their program.

Commerce Disciplines

Discipline	Major	Minor	Honours
Accounting	◉	◉	◉
Human Resources Management	◉	◉	◉
International Business	◉	◉	◉
Legal Studies in Business	◉	◉	-
Management	◉	◉	◉
Marketing	◉	◉	◉
Supply Chain Management	◉	◉	-
Business Intelligence	-	◉	-
Finance	-	◉	-
Innovation & Entrepreneurship	-	◉	-
Property Management	-	◉	-

Out of School Minors

Discipline	Minor
Anthropology	◉
Digital Experience Design	◉
Economics	◉
French	◉
History	◉
Journalism	◉
Political Science	◉
Psychology	◉
Sociology	◉
Spanish	◉
Statistics	◉

Career Potential

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing, or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (Business@macewan.ca)

Bachelor of Commerce Requirements

Program Element	Description	Credits
Core	Business	39
Core	Non-Business	18
Total	**Core Requirement Credits**	**57**
Primary Major	Majors range from 21 to 30 credits with a minimum of 21 credits at the senior level and 12 of those credits at the 300 or 400-level. Majors are comprised of both required courses and a selection of options.	21-30
Non-Business Electives	Students must complete 15-21 credits of Non-Business electives and may use these credits to fulfill the requirements of a minor(s) or second major.	15-21
Open Electives	Students must complete 6-15 credits of Open electives and may use these credits to fulfill the requirements of a minor(s) or second major.	6-15
Business Electives	Students must complete 6 credits of Business electives and can use these credits to fulfill the requirements of a minor(s) or second major.	6
Minor(s) or second major	Students have the option of completing one or two minors, or a second major from the Bachelor of Commerce, provided they can satisfy their requirements for Business, Non-Business and Open Electives with that same coursework. Minors are comprised of 15 credits of senior-level coursework. Students are limited to one minor from outside the School of Business.	15-30
Total	**Required Minimum Core, Major and elective credits for the degree**	**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Core Business Courses

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 450	Strategic Management	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MSYS 200	Introduction to Management Information Systems	3
MGTS 103	Introduction to Business Statistics	3
MGTS 312	Advanced Business Statistics	3
MGTS 352	Operations Management	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3

Core Non-Business Courses

Code	Title	Credits
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
Select 3 credits of university ENGL [1]		3
PROW 210	Advanced Business Writing	3
Select 3 credits from the following:		3
MGTS 113	Introduction to Quantitative Decision-Making	
MATH 114	Elementary Calculus I	
MATH 120	Basic Linear Algebra I	

1 not including ENGL 108 or ENGL 111

Bachelor of Commerce Honours Requirements for Accounting, Human Resources Management, and Management

Bachelor of Commerce Honours students complete their program in 120 credits as do all Bachelor of Commerce students. They fulfill the requirements of the Honours Designation by taking 15 credits of Honours programming for their elective courses.

Code	Title	Credits
BUSN 396	Advanced Quantitative Research Methods for Business	3

BUSN 397	Advanced Qualitative Research Methods for Management	3
BUSN 496	Senior Honours Seminar	3
Choose one of:		**3**
ACCT 499	Honours Thesis - Accounting	
HRMT 499	Honours Thesis - Human Resources Management	
ORGA 499	Honours Thesis - Management	
Choose a Senior 400 level course as determined and approved by the Faculty Advisor		3
Total Credits		**15**

Bachelor of Commerce Honours Requirements for International Business

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 312	Marketing Research & Analytics	3
INTB 499	Honours Thesis - International Business	3
Total Credits		**9**

Bachelor of Commerce Honours Requirements for Marketing

Code	Title	Credits
BUSN 496	Senior Honours Seminar	3
MARK 499	Honours Thesis - Marketing	3
Total Credits		**6**

Course Substitutions

Program Requirements

Management Major (p. 334)

Management Honours (p. 334)

Management Minor (p. 334)

Bachelor of Commerce - Management Major

Major Requirements - Complete 24 senior-level credits (8 courses) from this list:

Code	Title	Credits
ORGA 310	Advanced Leadership Topics and Issues	3
ORGA 312	Entrepreneurship	3
ORGA 314	Managing Negotiation	3
ORGA 330	Managerial Skill Development	3
ORGA 333	Managing Change	3
ORGA 410	Business Consulting	3
ORGA 412	Business Innovation and Intrapreneurship	3
ORGA 422	Contemporary Business Ethics	3
Elective Requirements		
Business Electives		6
Non-Business Electives		18
Open Electives		15
Total Credits		**63**

Bachelor of Commerce - Management Honours

Code	Title	Credits
ORGA 310	Advanced Leadership Topics and Issues	3
ORGA 312	Entrepreneurship	3
ORGA 314	Managing Negotiation	3
ORGA 330	Managerial Skill Development	3
ORGA 333	Managing Change	3
ORGA 410	Business Consulting	3
ORGA 412	Business Innovation and Intrapreneurship	3
ORGA 422	Contemporary Business Ethics	3
Honours Designation Requirements		
BUSN 396	Advanced Quantitative Research Methods for Business	3
BUSN 397	Advanced Qualitative Research Methods for Management	3
BUSN 496	Senior Honours Seminar	3
ORGA 499	Honours Thesis - Management	3
Select one senior 400-level course as approved by faculty advisor		3
Elective Requirement		
Non-Business Electives		18
Open Electives		6
Total Credits		**63**

Bachelor of Commerce - Management Minor

Minor Requirements - Complete 15 senior-level credits (five courses) from this list:

Code	Title	Credits
Choose 15 credits (five courses) from senior-level ORGA classes		15
Total Credits		**15**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

Core and Major Requirements

The Bachelor of Commerce program consists of 120 non-duplicative credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 21-33 credits of specific coursework requirements. Refer to the Program of Study for each major for specific requirements.

Declaration of Major and Minor

Students are required to declare a major upon the completion of 60 credits and by published deadlines. As completion of one major is a graduation requirement, students are strongly encouraged to consult with an academic advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

Students have the option of completing a second major from existing majors in Commerce, or one or two minors, provided they can satisfy their requirements for Business, Non-Business, and Open electives with that non-duplicate coursework. Minors are comprised of 15 senior-level credits and are not a graduation requirement. Only one minor from outside the School of Business is permitted.

Depending on the courses or specializations in which a student chooses to enrol, meeting the requirements of a double major may require the completion of more than 120 credits. Further, students admitted into the Bachelor of Commerce via Block Transfer cannot complete a minor.

Electives and Options

The Bachelor of Commerce has specific requirements for elective and option credits.

The four categories are:

1. Options – a choice of courses from a list specified in the requirements for some majors
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's primary major. Students may use Business Electives to meet minor or second major requirements.
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major. Students may use Non-Business Electives to meet minor requirements inside and outside the School of Business.
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's primary major. Students may use Open Electives to meet minor or second major requirements.

Maximum 100 Level Courses

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies

Subsequent Baccalaureate

This degree does not offer Subsequent Baccalaurate programs of study to graduates of the Bachelor of Commerce degree.

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Additional Core Requirements

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

Code	Title	Credits
COOP 290	Co-op Pre-employment Seminar	0
COOP 295	Co-operative Education: First Work Experience (360 hours)	0
COOP 395	Co-Operative Education: Second Work Experience (360 hours)	0
COOP 495	Co-Operative Education: Third Work Experience (360 hours)	0

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

Work Placements and Timing

Each work placement will consist of a minimum of 360 hours of paid employment in a job that is relevant to the student's program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

Course Load During Full-Time Co-Op Work Terms

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), care of BCom, student services, explaining compelling reasons to enrol while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

Responsibility for Obtaining a Work Placement

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

Grade Point Average (GPA) Requirements

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

Program Learning Objectives

Each graduate of the Bachelor of Commerce program will be able to:

1. KNOWLEDGE OF BUSINESS AND MANAGEMENT

Outcome: Apply knowledge of business and management within and across functional areas of an organization.

2. DECISION MAKING AND SUSTAINABILITY

Outcome: Apply analytical and critical thinking skills, as well as qualitative and quantitative methods, to develop sustainable solutions to address organizational issues.

3. ENTREPRENEURSHIP, INNOVATION, AND CREATIVE THINKING

Outcome: Think creatively, innovatively, and develop an entrepreneurial mindset as well as applied business research to support organizational development.

4. GLOBAL MINDSET AND LOCAL EXPERTISE

Outcome: Integrate local, national, and international perspectives, while demonstrating cultural mindfulness of inclusion, equity, and diversity, notably as it relates to Indigenous cultures including an understanding of Indigenous peoples.

5. PROFESSIONALISM, ETHICS, AND SELF-DEVELOPMENT

Outcome: Demonstrate professionalism, personal integrity, and ethical behavior, while engaging in reflective practices for ongoing professional and personal development.

6. LEADERSHIP AND TEAMWORK

Outcome: Lead and participate effectively in teams in various roles and contexts, through a variety of leadership approaches.

7. COMMUNICATION AND TECHNOLOGY

Outcome: Communicate effectively, respectfully, and meaningfully; and use existing and emerging technologies to enhance the effectiveness and efficiency of business processes.

8. JOB READINESS AND FUTURE READINESS

Outcome: Acquire meaningful hands-on experience and practical know how via various forms of work-integrated learning to be job-ready and future-ready.

Student Plan

- Suggested Course Sequencing
- Minors, double minors, and double majors must be completed using required electives.

Year 1	Credits
BUSN 201	3
ECON 101	3
ECON 102	3
ENGL 102	3
LEGL 210	3
MGTS 103	3
Choose 3 credits (1 course) from this list:	3
MGTS 113	
MATH 114	
MATH 120	
Choose 3 credits (1 course) any ENGL course	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 2	Credits
ACCT 311	3
ACCT 322	3
FNCE 301	3
MARK 301	3
MGTS 312	3
ORGA 201	3
PROW 210	3
Non-Business Electives: Choose 9 credits (3 courses) from any subject outside business	9
	30

Year 3	Credits
MGTS 352	3

MSYS 200		3
ORGA 310		3
ORGA 312		3
ORGA 314		3
ORGA 316		3
ORGA 330		3
Non-Business Electives: Choose 3 credits (1 course) from any subject outside business.		3
Open Electives: Choose 6 credits (2 courses) from any subject		6
		30
Year 4	**Credits**	
BUSN 450		3
ORGA 333		3
ORGA 410		3
ORGA 412		3
ORGA 422		3
Business Electives: Choose 6 credits (2 courses) from any business course.		6
Open Electives: Choose 9 credits (3 courses) from any subject		9
		30

Total Credits 120

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Marketing - Bachelor of Commerce

Overview

The marketing major curriculum provides students with both breadth and depth of study in general education, core business topics, and marketing-specific study. The Marketing major focuses on marketing fundamentals, strategy, analysis, and quantitative measurement. The focus on marketing strategy will provide students with an understanding of the marketing function and how that aligns with other organizational functions. Marketing research drives not only promotion (of which advertising is one small component) but also price, placement, and product decisions. Any business strategy must begin and end with consumer needs. Consumer research is vital to the success of every aspect of a market offering, including the nature of the product itself. Students will undertake projects that involve conducting research and analyzing marketing metrics. Students will be prepared for strategic roles in public, private, and non-profit organizations' marketing departments as well as other departments in which marketing is a key component. The context in which students will be studying includes local, national, and international marketing initiatives.

The Bachelor of Commerce

School of Business
MacEwan.ca/BCom (http://%E2%80%8BMacEwan.ca/BCom/)

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide

comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major/minor and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of seven majors: Accounting, Human Resources Management, International Business, Legal Studies in Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. Co-operative Education streams are also available. Students may explore their options in completing a second major, one or two minors, or a double major with a non-business minor. The program will prepare students for graduate studies in related fields.

All newly admitted students are admitted as "Undeclared". This means a student has not yet chosen a major which focuses a good portion of their degree on a specific discipline and area of study. Students generally declare their Major and Minors after they have completed a minimum of 45 credits. These declarations are expected from students who have made this decision between September 1 and February 15 (January 15 for competitive Majors and Minors). Information about Majors and Minors is available to students via email and newsletters and further assistance with this decision is available from the academic advisors in their program.

Commerce Disciplines

Discipline	Major	Minor	Honours
Accounting	◉	◉	◉
Human Resources Management	◉	◉	◉
International Business	◉	◉	◉
Legal Studies in Business	◉	◉	-
Management	◉	◉	◉
Marketing	◉	◉	◉
Supply Chain Management	◉	◉	-
Business Intelligence	-	◉	-
Finance	-	◉	-
Innovation & Entrepreneurship	-	◉	-
Property Management	-	◉	-

Out of School Minors

Discipline	Minor
Anthropology	◉
Digital Experience Design	◉
Economics	◉
French	◉
History	◉
Journalism	◉
Political Science	◉
Psychology	◉
Sociology	◉
Spanish	◉
Statistics	◉

Career Potential

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing, or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (Business@macewan.ca)

Bachelor of Commerce Requirements

Program Element	Description	Credits
Core	Business	39
Core	Non-Business	18
Total	**Core Requirement Credits**	**57**
Primary Major	Majors range from 21 to 30 credits with a minimum of 21 credits at the senior level and 12 of those credits at the 300 or 400-level. Majors are comprised of both required courses and a selection of options.	21-30
Non-Business Electives	Students must complete 15-21 credits of Non-Business electives and may use these credits to fulfill the requirements of a minor(s) or second major.	15-21
Open Electives	Students must complete 6-15 credits of Open electives and may use these credits to fulfill the requirements of a minor(s) or second major.	6-15
Business Electives	Students must complete 6 credits of Business electives and can use these credits to fulfill the requirements of a minor(s) or second major.	6
Minor(s) or second major	Students have the option of completing one or two minors, or a second major from the Bachelor of Commerce, provided they can satisfy their requirements for Business, Non-Business and Open Electives with that same coursework. Minors are comprised of 15 credits of senior-level coursework. Students are limited to one minor from outside the School of Business.	15-30
Total	**Required Minimum Core, Major and elective credits for the degree**	**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Core Business Courses

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 450	Strategic Management	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MSYS 200	Introduction to Management Information Systems	3
MGTS 103	Introduction to Business Statistics	3
MGTS 312	Advanced Business Statistics	3
MGTS 352	Operations Management	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3

Core Non-Business Courses

Code	Title	Credits
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
Select 3 credits of university ENGL [1]		3
PROW 210	Advanced Business Writing	3
Select 3 credits from the following:		3
MGTS 113	Introduction to Quantitative Decision-Making	
MATH 114	Elementary Calculus I	
MATH 120	Basic Linear Algebra I	

1 not including ENGL 108 or ENGL 111

Program Requirements

Marketing Major (p.)

Marketing Honours (p.)

Marketing Minor (p.)

Bachelor of Commerce - Marketing Major

Major Requirements – Complete 27 senior-level credits (9 courses) from this list:

Code	Title	Credits
MARK 310	Consumer Behaviour	3
MARK 312	Marketing Research & Analytics	3
MARK 403	International Marketing	3
MARK 412	Service Marketing	3
MARK 414	Digital Marketing	3
MARK 416	Business to Business Marketing	3
MARK 418	Sales Management	3
MARK 420	Product Management & Branding	3
MARK 440	Marketing Strategy & Sustainability	3
Elective Requirements		
Business Electives		6
Non-Business Electives		15
Open Electives		15
Total Credits		**63**

Bachelor of Commerce - Marketing Honours

Code	Title	Credits
MARK 310	Consumer Behaviour	3
MARK 312	Marketing Research & Analytics	3
MARK 403	International Marketing	3
MARK 412	Service Marketing	3
MARK 414	Digital Marketing	3
MARK 416	Business to Business Marketing	3
MARK 418	Sales Management	3
MARK 420	Product Management & Branding	3
MARK 440	Marketing Strategy & Sustainability	3
Honours Designation Requirements		
BUSN 496	Senior Honours Seminar	3
MARK 499	Honours Thesis - Marketing	3
Elective Requirement		
Non-Business Electives		15
Open Electives		15
Total Credits		**63**

Bachelor of Commerce - Marketing Minor

Minor Requirements - Complete 15 senior-level credits (5 courses) from this list:

Note: At least three MARK credits must be at the 400-level.

Code	Title	Credits
MARK 310	Consumer Behaviour	3
MARK 312	Marketing Research & Analytics	3
Choose 9 credits (three courses) from 300 or 400-level MARK courses		9
Total Credits		**15**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

Core and Major Requirements

The Bachelor of Commerce program consists of 120 non-duplicative credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 21-33 credits of specific coursework requirements. Refer to the Program of Study for each major for specific requirements.

Declaration of Major and Minor

Students are required to declare a major upon the completion of 60 credits and by published deadlines. As completion of one major is a graduation requirement, students are strongly encouraged to consult with an academic advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

Students have the option of completing a second major from existing majors in Commerce, or one or two minors, provided they can satisfy their requirements for Business, Non-Business, and Open electives with that non-duplicate coursework. Minors are comprised of 15 senior-level credits and are not a graduation requirement. Only one minor from outside the School of Business is permitted.

Depending on the courses or specializations in which a student chooses to enrol, meeting the requirements of a double major may require the completion of more than 120 credits. Further, students admitted into the Bachelor of Commerce via Block Transfer cannot complete a minor.

Electives and Options

The Bachelor of Commerce has specific requirements for elective and option credits.

The four categories are:

1. Options – a choice of courses from a list specified in the requirements for some majors
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's primary major. Students may use Business Electives to meet minor or second major requirements.
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major. Students may use Non-Business Electives to meet minor requirements inside and outside the School of Business.
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's primary major. Students may use Open Electives to meet minor or second major requirements.

Maximum 100 Level Courses

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies

Subsequent Baccalaureate

This degree does not offer Subsequent Baccalaurate programs of study to graduates of the Bachelor of Commerce degree.

Bachelor of Commerce Co-operative Education Programming

The co-operative education program component is competitive as there are limited co-op placements. Students interested in this program are encouraged to speak with a co-op advisor and visit the website for up-to-date information: MacEwan.ca/Co-op (https://www.macewan.ca/academics/programs/bachelor-of-commerce/academics/co-operative-education/).

Co-operative Education Degree Regulations

All students who apply and are accepted into the Co-operative Education stream will be subject to MacEwan Policy C2065 Co-operative Education and the Bachelor of Commerce Co-operative Education Degree Regulations.

Applying to the Co-Operative Education Stream

Once students are admitted to the Bachelor of Commerce program and meet eligibility criteria for the Co-operative Education Stream they may apply. International students are eligible to apply but are responsible for obtaining any visas or work permits that are required.

Withdrawal from the Co-operative Education Stream

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair or delegate from continuing in the Co-operative Education Stream. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student engages in behaviour that is contrary to the professional requirements of the work placement.

Additional Core Requirements

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

Code	Title	Credits
COOP 290	Co-op Pre-employment Seminar	0
COOP 295	Co-operative Education: First Work Experience (360 hours)	0
COOP 395	Co-Operative Education: Second Work Experience (360 hours)	0
COOP 495	Co-Operative Education: Third Work Experience (360 hours)	0

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

Work Placements and Timing

Each work placement will consist of a minimum of 360 hours of paid employment in a job that is relevant to the student's program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

Course Load During Full-Time Co-Op Work Terms

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), care of BCom, student services, explaining compelling reasons to enrol while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

Responsibility for Obtaining a Work Placement

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

Grade Point Average (GPA) Requirements

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

School of Business Degree-Level Program Learning Objectives

Each graduate of the Bachelor of Commerce program will be able to:

1. KNOWLEDGE OF BUSINESS AND MANAGEMENT

Outcome: Apply knowledge of business and management within and across functional areas of an organization.

2. DECISION MAKING AND SUSTAINABILITY

Outcome: Apply analytical and critical thinking skills, as well as qualitative and quantitative methods, to develop sustainable solutions to address organizational issues.

3. ENTREPRENEURSHIP, INNOVATION, AND CREATIVE THINKING

Outcome: Think creatively, innovatively, and develop an entrepreneurial mindset as well as applied business research to support organizational development.

4. GLOBAL MINDSET AND LOCAL EXPERTISE

Outcome: Integrate local, national, and international perspectives, while demonstrating cultural mindfulness of inclusion, equity, and diversity, notably as it relates to Indigenous cultures including an understanding of Indigenous peoples.

5. PROFESSIONALISM, ETHICS, AND SELF-DEVELOPMENT

Outcome: Demonstrate professionalism, personal integrity, and ethical behavior, while engaging in reflective practices for ongoing professional and personal development.

6. LEADERSHIP AND TEAMWORK

Outcome: Lead and participate effectively in teams in various roles and contexts, through a variety of leadership approaches.

7. COMMUNICATION AND TECHNOLOGY

Outcome: Communicate effectively, respectfully, and meaningfully; and use existing and emerging technologies to enhance the effectiveness and efficiency of business processes.

8. JOB READINESS AND FUTURE READINESS

Outcome: Acquire meaningful hands-on experience and practical know how via various forms of work-integrated learning to be job-ready and future-ready.

Marketing Major Learning Objectives

1. Develop marketing strategies that fit the context of the marketing environment and the organization's resources and objectives. Marketing strategies include: identification of the target market and desired positioning of the product; product; distribution/place; promotion; price.

2. Describe buyer behaviour and discuss the implications of buyer behaviour on marketing strategy decisions. Buyer behaviour includes consumer and organizational markets. Buyer behaviour includes consideration of regional, ethinic, and cultural differences.

3. Describe buyer behaviour and discuss the implications of buyer behaviour on marketing strategy decisions. Buyer behaviour includes consumer and organizational markets. Buyer behaviour includes consideration of regional, ethinic, and cultural differences.

4. Demonstrate effective communication to a variety of audiences using a range of media. Audiences include target markets, marketing intermediaries, target market influencers, senior managers, and team-mates. Media include oral, written, visual.

5. Analyze ethical and sustainability implications of marketing, team, and individual decisions.

6. Demonstrate professionalism, personal integrity, ethical behaviour, and engage in reflective practices for ongoing marketing professional and personal development.

Student Plan

- Suggested Course Sequencing
- Minors, double minors, and double majors must be completed using required electives.

Year 1	Credits
BUSN 201	3
ECON 101	3
ECON 102	3
ENGL 102	3
LEGL 210	3
MGTS 103	3
Choose 3 credits (1 course) from this list:	3
MGTS 113	
MATH 120	
MATH 114	
Choose 3 credits (1 course) from any ENGL course	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 2	Credits
ACCT 311	3
ACCT 322	3
FNCE 301	3
MARK 301	3
MGTS 312	3
ORGA 201	3
PROW 210	3
Non-Business Electives: Choose 9 credits (3 courses) from any subject outside business	9
	30

Year 3	Credits
MARK 310	3
MARK 312	3
MARK 412	3
MARK 414	3
MARK 416	3

MARK 418		3
MGTS 352		3
MSYS 200		3
ORGA 316		3
Open Electives: Choose 3 credits (1 courses) from any subject		3
		30
Year 4	**Credits**	
BUSN 450		3
MARK 403		3
MARK 420		3
MARK 440		3
Business Electives: Choose 6 credits (2 courses) from any business course.		6
Open Electives: Choose 12 credits (4 courses) from any subject		12
		30

Total Credits 120

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Mathematical Sciences - Bachelor of Science

Overview

Mathematics is the study of numbers, shapes, and relationships. Computer Science is the study of algorithms. Statistics is the science of collecting and analyzing data. Put them all together, and you get mathematical sciences.

To major in mathematical sciences means you choose two of the following disciplines: Computer Science, Mathematics, Statistics, and successfully complete the required number of courses. You may also choose to minor in any of the other disciplines offered in the Bachelor of Science program.

Contact Information

Department of Mathematics and Statistics
Room 5-107, City Centre Campus
10700 - 104 Avenue
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Bachelor of Science

Faculty of Arts and Science
MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as “Undeclared.” Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-
Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉
Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6
Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60
Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

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Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options
ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth

ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth

ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 203	SCIOP 2XX	Options
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth

PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Mathematical Sciences Requirements

Mathematical Sciences Major

The Bachelor of Science (BSc) in Mathematical Sciences program requires students to complete 120 credits of non-duplicative coursework. The major is comprised of three disciplines – computer science, mathematics, and statistics. Students select two of the three as their primary disciplines. While students in this major are not required to complete a minor, if any of computer science, mathematics or statistics disciplines are chosen as a minor, all senior-level credits in that discipline will only count toward the minor.

Students are required to complete option courses as well as the Mathematical Sciences Major and the possible minor. All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Mathematical Sciences Major is 60 to 72 credits with a minimum of 42 senior-level credits. Students must complete:

- a minimum of three credits at the 300- or 400-level in each of their primary disciplines,
- a minimum of 12 credits at the 300- or 400-level across their primary disciplines, and
- at least 3 credits in a 400-level class in one of their primary disciplines.

If mathematics is a primary discipline – STAT 265, STAT 266, STAT 312, and STAT 412 may be used to fulfill this requirement.

Bachelor of Science - Mathematical Sciences Major

Code	Title	Credits
Specific Major Requirements		
MATH 114	Elementary Calculus I	3
MATH 115	Elementary Calculus II	3
MATH 120	Basic Linear Algebra I	3
or MATH 125	Linear Algebra I	
CMPT 101	Introduction to Computing I	3
or CMPT 103	Introduction to Computing II	
General Major Requirements		
Primary Discipline I		
Choose 18 to 24 junior- or senior-level credits from the first primary discipline		18-24
Primary Discipline II		
Choose 18 to 24 junior- or senior-level credits from the second primary discipline		18-24
General Requirements		
Choose 6 to 12 credits of junior- or senior- level CMPT, MATH, or STAT		6-12
Minor		
Students have the option of completing a minor. Minor courses must be completed at the senior level.		0-18
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		30-60
Total Credits		**120**

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit

requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the

program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Mathematical Sciences Program Learning Outcomes

1. Remembering
Define mathematical, statistical, and computer science concepts clearly and concisely, and support them with examples.

2. Understanding
Show proficiency in mathematical, statistical, and computer science terms and concepts to follow and evaluate arguments by using different strategies across these disciplines. Have an awareness of questions to which the mathematical sciences can provide answers.

3. Creating and Applying
Develop a strategy to formulate and solve a mathematical sciences problem. Use a critical integrated knowledge system to form a judgement and apply it in formulating a mathematical sciences problem and use discipline-appropriate reasoning skills to solve the problem.

4. Analyzing
Analyze qualitatively diverse mathematical, statistical, and computer science representations using various processes.

5. Evaluating
Prove ability in applying mathematical, statistical, and computer science principles and processes in solving problems in the mathematical sciences, other disciplines, and everyday life.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- The major is comprised of three disciplines - computer science, mathematics, and statistics. Students select two of the three as primary disciplines

Year 1	Credits
MATH 114	3
MATH 115	3
Choose 3 credits (1 course) from the following:	3
MATH 120	

MATH 125		
Choose 3 credits (1 course) from the following:		3
CMPT 101		
CMPT 103		
ENGL 102		3
Breadth Requirements		15
		30
Year 2	**Credits**	
Choose 9 junior- or senior-level credits (3 courses) from the first primary discipline		9
Choose 9 junior- or senior-level credits (3 courses) from the second primary discipline		9
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements		12
		30
Year 3	**Credits**	
Choose 6 credits (2 courses) with a minimum of 3 credits (1 course) at the 300-level from the first primary discipline		6
Choose 6 credits (2 courses) with a minimum of 3 credits (1 course) at the 300-level from the second primary discipline		6
Choose 3 credits (1 course) from junior- or senior-level CMPT, MATH, or STAT		3
Options, Minor(s), or Primary or Secondary Major Requirements		15
		30
Year 4	**Credits**	
Choose 6 senior-level credits (2 courses) with a minimum of 3 credits (1 course) at the 300- or 400-level from the first primary discipline		6
Choose 6 senior-level credits (2 courses) with a minimum of 3 credits (1 course) at the 300- or 400-level from the second primary discipline		6
Choose 3 credits (1 course) from junior- or senior-level CMPT, MATH, or STAT		3
Options, Minor(s), or Primary or Secondary Major Requirements		15
		30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Computer Science Course Offerings

Fall 2024

CMPT 101	Introduction to Computing I
CMPT 103	Introduction to Computing II
CMPT 200	Data Structures and Algorithms
CMPT 201	Practical Programming Methodology
CMPT 220	Unix, Scripting, and Other Tools
CMPT 230	Introduction to Computer Games
CMPT 250	Introduction to Human Computer Interaction
CMPT 272	Formal Systems and Logic in Computing Science
CMPT 291	Introduction to File and Database Management
CMPT 305	Introduction to Object-Oriented Programming
CMPT 310	Computers and Society
CMPT 340	Introduction to Numerical Methods
CMPT 360	Introduction to Operating Systems
CMPT 361	Introduction to Networks
CMPT 370	Introduction to Computer Graphics
CMPT 381	Cryptology from Classical to Post-Quantum
CMPT 395	Introduction to Software Engineering
CMPT 399	Topics in Computer Science
CMPT 430	3D Game Development and Artificial Intelligence
CMPT 480	Computer Network Security
CMPT 491	Datamining and Advanced Database Topics

Winter 2025

CMPT 101	Introduction to Computing I
CMPT 103	Introduction to Computing II
CMPT 200	Data Structures and Algorithms
CMPT 201	Practical Programming Methodology
CMPT 204	Algorithms I
CMPT 229	Computer Organization and Architecture
CMPT 250	Introduction to Human Computer Interaction
CMPT 272	Formal Systems and Logic in Computing Science
CMPT 280	Introduction to Computer Security
CMPT 312	Introduction to Robotics: Programming and Control
CMPT 315	Web Application Development
CMPT 330	Introduction to Real Time Gaming
CMPT 351	Introduction to Data Visualization
CMPT 355	Introduction to Artificial Intelligence
CMPT 360	Introduction to Operating Systems
CMPT 361	Introduction to Networks
CMPT 380	Computer Systems Security
CMPT 391	Database Management Systems
CMPT 395	Introduction to Software Engineering
CMPT 399	Topics in Computer Science

CMPT 455	Introduction to Machine Learning
CMPT 464	Wireless Networks and Embedded Systems

Mathematics Course Offerings

Fall 2024

MATH 099	Precalculus Mathematics
MATH 114	Elementary Calculus I
MATH 115	Elementary Calculus II
MATH 120	Basic Linear Algebra I
MATH 125	Linear Algebra I
MATH 200	Fundamental Concepts of Math
MATH 214	Intermediate Calculus I
MATH 223	Introduction to Combinatorics
MATH 225	Linear Algebra II
MATH 241	Geometry
MATH 310	Real Analysis
MATH 325	Matrix Theory and Applications
MATH 329	Abstract Algebra II
MATH 330	Ordinary Differential Equations
MATH 350	Introduction to Graph Theory
MATH 495	Special Topics in Mathematics

Winter 2025

MATH 099	Precalculus Mathematics
MATH 114	Elementary Calculus I
MATH 115	Elementary Calculus II
MATH 120	Basic Linear Algebra I
MATH 125	Linear Algebra I
MATH 200	Fundamental Concepts of Math
MATH 215	Intermediate Calculus II
MATH 225	Linear Algebra II
MATH 229	Abstract Algebra I
MATH 311	Theory of Functions of a Complex Variable
MATH 320	Elementary Number Theory
MATH 335	Numerical Methods
MATH 410	Analysis and Topology
MATH 429	Introduction to the Theory of Modules
MATH 430	Applied Dynamical Systems

Statistics Course Offerings

Fall 2024

STAT 151	Introduction to Applied Statistics
STAT 161	Applied Statistics for the Social Sciences
STAT 252	Applied Statistics II
STAT 265	Probability Theory I
STAT 370	Applied Time Series Analysis
STAT 371	Applied Categorical Data Analysis
STAT 378	Applied Regression Analysis

Winter 2025

STAT 151	Introduction to Applied Statistics
STAT 161	Applied Statistics for the Social Sciences
STAT 252	Applied Statistics II
STAT 265	Probability Theory I
STAT 266	Mathematical Statistics
STAT 350	Sampling Theory and Applications
STAT 395	Special Topics in Statistics at the intermediate level
STAT 412	Stochastic Processes
STAT 496	Statistical Consulting Project

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Mathematical Sciences Courses

Computer Science Courses

CMPT 101
Introduction to Computing I
3 Credits Weekly (3-3-0)
This course provides a breadth-first introductory treatment of concepts in computing science for students with little or no programming background. Topics include data representation and machine architecture; algorithms and their properties; the control constructs of sequence, selection, and repetition; functions; and the notions of data type and operations on data types in low-level and high-level programming languages. Students do introductory programming for a portion of the course. Note: Students with no previous computing experience should enrol in CMPT 101 instead of CMPT 103. Credit cannot be obtained for CMPT 101 if credit has already been granted for CMPT 103.

CMPT 103
Introduction to Computing II
3 Credits Weekly (3-3-0)
This course continues the overview of computing science concepts that was started in CMPT 101. Topics include representation of compound data using abstraction, programming languages, and modularity; algorithms that use these data structures; and networks with the TCP/IP model and client/server architecture. Students continue with the syntax of a high-level programming language: functions, arrays, and user-defined data types.
Prerequisites: A minimum grade of C- in CMPT 101 or ENCP 100 or three credits of intermediate CSE including CSE 2120.

CMPT 104
Fluency with Information Technology
3 Credits Weekly (3-0-0)
This course introduces fundamental computational concepts. While some specific productivity software is covered, this is not a computer literacy course. The emphasis is on the concepts that underlie today's information infrastructure. Topics include abstraction, data representation and analysis, algorithms and algorithmic thinking, the Internet, and security.

CMPT 200
Data Structures and Algorithms
3 Credits Weekly (3-3-0)
This course continues the study of dynamic data structures (e.g., lists, stacks, queues, trees, and dictionaries) and associated algorithms (e.g., traversal, sorting, searching, element addition and removal). Recursion is covered, and some of the basic ideas of object-oriented programming, such as classes and objects, are introduced.
Prerequisites: Minimum grade of C- in CMPT 103.

CMPT 201
Practical Programming Methodology
3 Credits Weekly (3-3-0)
This course provides an introduction to the principles, methods, tools, and practices of the professional programmer. The lectures focus on best practices in software development and the fundamental principles of software engineering. The laboratories offer an intensive apprenticeship to the aspiring software developer. Students use C and the software development tools of the UNIX environment.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 204
Algorithms I
3 Credits Weekly (3-0-1)
This is a first course on algorithm design and analysis with an emphasis on fundamentals of searching, sorting and graph algorithms. Examples of methodologies considered include divide and conquer, dynamic programming, and greedy methods, together with analysis techniques to estimate program efficiency.
Prerequisites: Minimum grade of C- in CMPT 200 and CMPT 272 or MATH 200 and MATH 113 or MATH 114 (Note: CMPT 272 is preferred to MATH 200).

CMPT 220
Unix, Scripting, and Other Tools
3 Credits Weekly (3-2-0)
The student is introduced to a Unix-like operating system along with some of its important design features, such as processes, pipes, and the I/O model. Some of the basic tools and methodologies are discussed, including shell scripts, editors, and standard utilities. Various open source tools are surveyed.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 229
Computer Organization and Architecture
3 Credits Weekly (3-3-0)
This course provides a general introduction to number representation, the architecture and organization concepts of von Neumann machines, assembly level programming, exception handling, peripheral programming, floating point computations, and memory management.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 230
Introduction to Computer Games
3 Credits Weekly (3-0-0)
This course is an introduction to various aspects of computer game design and marketing. It focuses on the history of computer games, computer game markets, evaluation of computer games, creation and testing of interactive narratives, and game interface design. The course includes a final capstone design for an interactive (narrative) game. Note: This course has a significant writing component; students are advised to take ENGL 102 (or equivalent) prior to taking this course.
Prerequisites: Minimum grade of C- in any CMPT *(*p. 688*) or* ENGL *(*p. 725*) course or in either PSYC 104 or PSYC 105.*

CMPT 250
Introduction to Human Computer Interaction
3 Credits Weekly (3-2-0)
This course introduces students to the basic components of the interaction design process. Effective user interaction design emphasizes the importance of good interfaces and the relationship of user interface design to human-computer interaction (HCI). The concept of interaction is introduced with a focus on the centrality of the user in HCI. Other topics include interface and interaction types, data gathering and analysis to understand and solve the design problem; design requirements, prototyping and usability testing. The lab allows the students to apply the concepts, tools and methods, discussed in lecture, towards the major course project. Note: In addition to the prerequisite, it is recommended that students taking this course have completed an additional computing science course or an introductory course in psychology, sociology, or anthropology. Note: Students who have received credit in DESN 240 or DESN 242 will not receive credit for CMPT 250.
Prerequisites: A minimum grade of C- in CMPT 101 or CMPT 103.

CMPT 272
Formal Systems and Logic in Computing Science
3 Credits Weekly (3-2-1)
This course provides an introduction to the tools of set theory, logic, and induction, and their use in the practice of reasoning about algorithms and programs. Topics include basic set theory, the notion of a function, counting, propositional and predicate logic and their proof systems, and inductive definitions and proofs by induction.
Prerequisites: A minimum grade of C- in CMPT 101 or CMPT 103 or CMPT 200 and a minimum grade of C- in MATH 114 and C- in MATH 120 or MATH 125.

CMPT 280
Introduction to Computer Security
3 Credits Weekly (3-1-0)
Students are introduced to computer and network security and the underlying concepts of confidentiality, integrity, and availability. Topics include common cyberattacks, identifying vulnerabilities and defending against attacks, and approaches to creating secure systems. Students also work with some of the tools available to security administrators.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 291
Introduction to File and Database Management
3 Credits Weekly (3-3-0)
The course covers basic concepts in computer data organization and information processing, the entity-relationship model, the relational model, SQL, and other relational query languages. Other topics include storage architecture, physical organization of data, and access methods for relational data.
Prerequisites: A minimum grade of C- in CMPT 200.

CMPT 305
Introduction to Object-Oriented Programming
3 Credits Weekly (3-3-0)
In this course, students study the object-oriented programming (OOP) paradigm. The components of object-oriented programming are encapsulation, inheritance, and polymorphism. Students use some of the well established design patterns that recur in many non-trivial software systems. The last component of this course is event-driven programming. Note: Credit in CMPT 250 is recommended but not required.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 306
Non-Procedural Programming Languages
3 Credits Weekly (3-3-0)
This course examines various programming languages other than the standard third generation languages such as C++ and Java. This course considers a functional language (Lisp) and a logic language (Prolog). The underlying theories of lambda calculus (Lisp) and predicate logic (Prolog) are also studied. A limited number of applications to Artificial Intelligence are considered for both languages. This course also may examine additional interpreted languages.
Prerequisites: Minimum grade of C- in CMPT 200 and CMPT 272.

CMPT 310
Computers and Society
3 Credits Weekly (3-0-0)
This course explores the social, legal and ethical issues arising in the wake of computer technology, especially those concerning self, community, environment, education, work and democracy. Topics include ethical frameworks; data collection and use; privacy and security; intellectual property; artificial intelligence and automation; social responsibility. Note: This is a third year course. It is recommended that students taking this course have at least 48 earned credits in their program of study.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 311
Phenomenon of Technology
3 Credits Weekly (3-0-0)
This hybrid course explores the role and significance of technology in our daily lives through a variety of theoretical and research frameworks and methods, including media ecology, phenomenology, STS (science, technology and society) studies, and human-computer interaction research.
Prerequisites: Minimum grade of C- in any 200-level course (Note: this is a third year course, It is recommended that students taking this course have at least 48 credits in their program of study).

CMPT 312
Introduction to Robotics: Programming and Control
3 Credits Weekly (3-3-0)
This project based course offers an introduction to the basic concepts in robotics and the various algorithms used for perception, locomotion, and pathway planning. Students will get hands on experience with programming micro-controllers and building hardware and will apply concepts learned through interdisciplinary projects.
Prerequisite: A minimum grade of C- in CMPT 200.

CMPT 315
Web Application Development
3 Credits Weekly (3-3-0)
This course introduces various technologies in web programming. It requires students to work both individually and collaboratively to design and develop interactive web-based applications. Students learn both client- and server-side programming, database programming, and basic security concepts and testing.
Prerequisites: Minimum grade of C- in CMPT 291 and CMPT 305.

CMPT 330
Introduction to Real Time Gaming
3 Credits Weekly (3-3-0)
This course introduces the basic concepts of 2D and 3D game writing. Students learn to handle sprite animation, collision detection, and simple game artificial intelligence, and gain an understanding of the basics of 2D and 3D display at the level of the game engine. During this course, students design and implement an effective user interface for a game using a game engine as well as create several very small games. The course culminates with a team-based major game project.
Prerequisites: Minimum grade of C- in CMPT 230 and CMPT 305.

CMPT 340
Introduction to Numerical Methods
3 Credits Weekly (3-2-0)
This course provides an overview of computational methods for solving problems in linear algebra, non-linear equations, interpolation and approximation, and integration. Computer arithmetic and errors are discussed. The aim is to teach students the proper use of mathematical packages currently available.
Prerequisites: Minimum grades of C- in CMPT 201, MATH 114, and one of MATH 120 or MATH 125.

CMPT 351
Introduction to Data Visualization
3 Credits Weekly (3-2-0)
This course introduces techniques and tools for creating effective visualizations based on principles from visual design, perceptual psychology, and cognitive science. The goal of this course is to expose students to visual representation methods and techniques that increase the understandability of complex and varied data.
Prerequisites: Minimum grades of C- in CMPT 250 and STAT 151.

CMPT 355
Introduction to Artificial Intelligence
3 Credits Weekly (3-3-0)
This course provides an introduction to Artificial Intelligence (AI). AI is the study of how human intelligence can be imitated by computer programs. The course presents a survey of the concepts and applications of AI - such as: intelligent agents, knowledge representation, state-space search, expert systems and shells, natural language processing, propositional logic, learning and cognitive models. Some of the AI techniques will be implemented using both procedural and non-procedural languages (Prolog and LISP). Note: Students should be able to program in a high level programming language that allows explicit access to the underlying memory model. C and C++ are acceptable languages.
Prerequisites: Minimum grade of C- in CMPT 201 and CMPT 272.

CMPT 360
Introduction to Operating Systems
3 Credits Weekly (3-3-0)
This course introduces the fundamentals of operating systems. Topics include scheduling, memory management, concurrency, security and protection, device management, and file systems. The laboratory component involves both the investigation of these concepts in current operating systems as well as their design and implementation.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 361
Introduction to Networks
3 Credits Weekly (3-3-0)
This course introduces the basics of networking with a focus on computer networks. Topics include network architectures, protocols, client-server programming, security, and network management. A selection of material from data compression and decompression and multimedia data technologies are also discussed.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 370
Introduction to Computer Graphics
3 Credits Weekly (3-3-0)
This course introduces students to the foundations of computer graphics. Topics covered include 2D and 3D transformations, interactive 3D graphics programming, shading and lighting models, geometric modelling, computer graphics rendering including ray tracing and texture mapping. There will be an emphasis on both the mathematical and geometric aspects of graphics, as well as the ability to write complete 3D graphics programs.
Prerequisites: Minimum grades of C- in CMPT 201, MATH 114, and in either MATH 120 or 125.

CMPT 380
Computer Systems Security
3 Credits Weekly (3-3-0)
Students are introduced to the principles and practice of computer systems security and get hands on experience with relevant tools used by security professionals. Students also write programs to illustrate vulnerabilities and attacks such as: buffer overflow, SQL injection, cross site scripting and cross site request forgery. Topics include: host and application threats and hardening, storage security, virtualization, secure software development and web and mobile security.
Prerequisites: A minimum grade of C- in CMPT 280 and CMPT 360.

CMPT 381
Cryptology from Classical to Post-Quantum
3 Credits Weekly (3-3-0)
Cryptographic algorithms are used to ensure the privacy and integrity of data, secure communications, and protect and even supplant currency altogether. However, their utility and ubiquity were recently threatened by developments in quantum computing, necessitating a near future shift to more sophisticated, quantum-resistant algorithms. In this course, students will study the evolution of cryptology, covering the essentials of classical and contemporary symmetric and asymmetric encryption and decryption algorithms in their many forms and applications. In addition, students will study the implications of quantum attacks and explore at least one newly certified quantum-resistant algorithm. The focus of the course will balance practical implementations of naturally theoretical and mathematical concepts.
Prerequisites: Minimum grades of C- in CMPT 200 and one of MATH 120 or MATH 125.

CMPT 391
Database Management Systems
3 Credits Weekly (3-2-0)
This is the second course in database management systems. Topics include database design, normalization theory, transaction management, query processing, and query optimization, building and supporting secure applications. Database support for special data types such as XML documents is considered. Support for complex applications, data analysis and information retrieval is also covered.
Prerequisites: A minimum grade of C- in CMPT 291.

CMPT 395
Introduction to Software Engineering
3 Credits Weekly (3-3-0)
This course is an introduction to the fundamental concepts of software engineering. Topics include software design and analysis, software process, requirements, design patterns and testing. Team management is considered in both the lecture and in the laboratory through the use of team projects.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

CMPT 399
Topics in Computer Science
3 Credits Weekly (3-3-0)
In this course, students examine one or two topics in computer science. Topics will vary from year to year, but will typically build upon material students will have seen in the second year of their studies. Consultation with the department is required prior to registration. Note: This course may be taken multiple times for credit.
Prerequisites: Consent of the department.

CMPT 430
3D Game Development and Artificial Intelligence
3 Credits Weekly (3-3-0)
Modern game engines provide basic components such as animation and physics but to create a good game, the developer needs to provide functionality beyond the basics. This course will focus non-basic features such as camera control and game search/tracking heuristics. For the major project students will develop a portion of a game level using an existing commercial game engine. Note: CMPT 370 is recommended.
Prerequisites: Minimum grade of C- in both CMPT 330 and CMPT 395.

CMPT 450
Information Visualization
3 Credits Weekly (3-3-0)
This course continues the examination of human-computer interaction (HCI) that was begun in CMPT 250, but with the emphasis moving to the design and implementation of interactive visualization systems. Topics include design principles in information visualization, abstraction of data and user tasks, visual encoding, interaction techniques, and visualization toolkits.
Prerequisites: Minimum grade of C- in CMPT 250 and CMPT 305.

CMPT 455
Introduction to Machine Learning
3 Credits Weekly (3-3-0)
Machine learning (ML) is the science of making computers perform tasks without being explicitly programmed. There is a multitude of real-world applications of ML (e.g. speech recognition, advanced web search and information retrieval, self-driven cars). ML is used in almost any computer application without even knowing it. This class teaches the most effective machine learning techniques, along with practical skills to implement and adapt them to new problems.
Prerequisites: Minimum grades of C- in either CMPT 340 and STAT 151, or MATH 335 and CMPT 200.

CMPT 464
Wireless Networks and Embedded Systems
3 Credits Weekly (3-3-0)
This course introduces selected topics in embedded systems and wireless networks. Topics include an introduction to embedded systems with an emphasis on microcontrollers, techniques for programming embedded systems, design for low-power applications, the basics of radio communication, and protocols for both medium access control and routing within static and mobile environments. The laboratory is oriented toward the design and implementation of lecture topics using wireless sensor network hardware.
Prerequisites: Minimum grade of C- in CMPT 395 and C in CMPT 201.

CMPT 470
Introduction to Computer Vision
3 Credits Weekly (3-3-0)
Computer vision is a research field aimed to enable computers to process and interpret visual data, as sighted humans can. It is one of the most exciting areas of research in computing science and among the fastest growing technologies in today's industry. This course provides an introduction to the fundamental principles and applications of computer vision. Topics include feature detection and tracking, image matching and alignment, geometric relationships between 2D images and the 3D world, and some machine learning methods for computer vision.
Prerequisites: Minimum grades of C- in either CMPT 340 and STAT 151, or MATH 335 and CMPT 200.

CMPT 480
Computer Network Security
3 Credits Weekly (3-3-0)
Students are introduced to the principles and practice of computer networks security and get hands-on experience with relevant tools used by security professionals. Students also write code to illustrate vulnerabilities and attacks such as packet spoofing, ARP poisoning and DNS cache poisoning. Topics include network threats, hardening and monitoring, internet service hardening and network intrusion prevention and detection.
Prerequisites: Minimum grades of C- in CMPT 280 and CMPT 361.

CMPT 491
Datamining and Advanced Database Topics
3 Credits Weekly (3-3-0)
This course on data mining introduces the concepts, algorithms, techniques, and systems of data warehousing. Topics include what data mining is, data preprocessing, integration, and transformation. The design and implementation of data warehouse and OLAP systems, mining frequent patterns and association (basic concepts and advanced methods), and classification, clustering and outlier analysis are covered.
Prerequisites: Minimum grades of C- in STAT 151, CMPT 291, and in a 300-level CMPT *(*p. 688*) course.*

CMPT 496
Final Project
3 Credits Total (0-0-60)
In this course, students plan, conduct, and communicate the results of an independent project in Computer Science under the direction of a faculty supervisor. The project can be undertaken by an individual student or, if the scope warrants, by a team of students. Registration is contingent on the student(s) having made prior arrangements with a faculty member willing to supervise the project. Note: This course is intended for students in the final year of their degree. This course may be taken twice for credit.
Prerequisites: Minimum grade of C- in CMPT 395 and consent of the department.

CMPT 497
Computer Science Internship
3 Credits Total (45-0-90)
This course provides students with practical experience in a work environment. Students engage in work integrated learning through employment or internship in industry. Students learn in practice the professional aspects (work and ethics) of a computer scientist. At the end of the placement, students provide a presentation to demonstrate the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement. This course may be taken two times for credit. All placements require departmental approval.
Prerequisites: A minimum grade of C- in CMPT 395 and consent of the Department.

CMPT 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

CMPT 499
Topics in Computer Science
3 Credits Weekly (3-0-0)
In this course, students examine a topic of specialization in computer science. Topics will vary from year to year. Consultation with the department is required prior to registration. Note: This course may be taken multiple times for credit.
Prerequisites: Consent of the department.

Mathematics Courses

MATH 099
Precalculus Mathematics
3 Credits Weekly (3-0-0)
This course reviews and extends the mathematical concepts needed to be successful in university level calculus. Topics include graphing, equations of lines, inequalities, review of elementary algebra, functions, and trigonometry. MATH 099 cannot be used to fulfill the requirements of the Bachelor of Arts, the Bachelor of Commerce, or the Bachelor of Science programs.
Prerequisites: Mathematics 30-1 or Mathematics 30-2.

MATH 100
Calculus I
3.5 Credits Weekly (3-1-0)
This course provides an introduction to the fundamentals of calculus. The students learn about rectangular coordinates, analytic geometry, transcendental functions, inverse functions, limits, continuity, derivatives and applications, Taylor polynomials, integration and applications. Note: This course is restricted to Engineering students. Credit can only be obtained in one of MATH 100 or MATH 113 or MATH 114.
Prerequisites: Mathematics 30-1 and Mathematics 31.

MATH 101
Calculus II
3.5 Credits Weekly (3-1.5-0)
This course provides a continuation of the study of Calculus. Students learn about techniques of integration, arc length, area of a surface of revolution, applications to physics and engineering, first order ordinary differential equations (separable and linear), infinite series, power series, Taylor expansions, polar coordinates, rectangular coordinates in R3, parametric curves in the plane and space (graphing, arc length, curvature), normal, binormal, tangent in R3. Note: This course is restricted to Engineering Program students. Credit can only be obtained in one of MATH 101 or MATH 115.
Prerequisites: Minimum grade of C- in MATH 100.

MATH 102
Applied Linear Algebra
3.5 Credits Weekly (3-1.5-0)
This course provides an introduction to the fundamentals of linear algebra and some of their applications. The course content includes vectors and matrices; solutions of linear equations; equations of lines and planes; determinants; matrix algebra, linear transformations and their matrices; general vector spaces and inner product spaces; orthogonality and Gram-Schmidt process; eigenvalues and eigenvectors; and complex numbers. Note: This course is restricted to Engineering students. MATH 100 may be taken as a co-requisite with consent of the department. The course may not be taken for credit if credit has already been obtained in MATH 120 or MATH 125.
Prerequisites: A minimum grade of C- in MATH 100.

MATH 114
Elementary Calculus I
3 Credits Weekly (4-0-0)
This course examines the fundamental concept of limits, differentiation and integration. Limits and differentiation of algebraic and trigonometric functions are studied along with applications including related rates, optimizing and curve sketching. This course concludes with a study of Riemann sums, the Fundamental Theorem of Calculus and substitution. Note: Students who have received credit in MATH 113 or MATH 100 may not take MATH 114 for credit.
Prerequisites: A minimum grade of 80% in Mathematics 30-1, or successful completion (50% or better) of Mathematics 31, or a minimum grade of C- in MATH 099, or successful completion of the MATH 114 gateway exam.

MATH 115
Elementary Calculus II
3 Credits Weekly (3-1-0)
This course investigates the differentiation and integration of trigonometric, exponential and logarithmic functions. Indeterminate forms and improper integrals are studied, as well as the techniques and applications of integration. Note: Credit can only be obtained in one of MATH 115 or MATH 101.
Prerequisites: A minimum grade of C- in MATH 114.

MATH 120
Basic Linear Algebra I
3 Credits Weekly (3-0-0)
This is an introduction to the basic notions and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product, cross product, and orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, and applications. NOTE: This course cannot be taken for credit if credit has already been obtained in either of MATH 102 or MATH 125.
Prerequisites: Mathematics 30-1 or a minimum grade of 80% in Mathematics 30-2.

MATH 125
Linear Algebra I
3 Credits Weekly (3-0-0)
This is an enriched introduction to the basic notions and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product, cross product, orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, and applications. NOTE: The course covers the same basic topics as MATH 120, however it is a more rigorous course, and selected topics and applications are covered in more depth.
Prerequisites: Mathematics 30-1.

MATH 160
Higher Arithmetic
3 Credits Weekly (3-0-0)
This course emphasizes the development of clarity in the understanding of mathematical ideas and processes, communication of these ideas to others, and application of these ideas to problem solving. Both inductive and deductive methods are explored in the study of elementary number theory, numeration systems, operations on integers and rational numbers, and elementary probability theory. Note: This course is offered to students who intend to pursue Elementary Education.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the gateway exam.

MATH 200
Fundamental Concepts of Math
3 Credits Weekly (3-0-0)
This course provides an introduction to axiomatic systems and mathematical proof. These ideas are developed using examples taken primarily from set theory and number theory.
Prerequisites: A minimum grade of C- in one of MATH 114, MATH 120, or MATH 125.

MATH 214
Intermediate Calculus I
3 Credits Weekly (3-1-0)
This course completes the study of single-variable calculus and introduces students to the basic concepts of multi-variable calculus. Topics in single-variable calculus include area and arc length of plane curves defined by parametric or polar equations, infinite series, and power series. Topics in multi-variable calculus include: vector functions and space curves, functions of several variables, and partial derivatives with applications.
Prerequisites: Minimum grade of C- in MATH 115, and in either MATH 120 or MATH 125.

MATH 215
Intermediate Calculus II
3 Credits Weekly (3-1-0)
This course continues the study of multivariable calculus. Topics include: curves, tangent vectors, arc length; integration in two and three dimensions; polar, cylindrical and spherical coordinates; line and surface integrals, Green's, divergence and Stokes' theorems; first and second order linear differential equations.
Prerequisites: A minimum grade of C- in MATH 214.

MATH 223
Introduction to Combinatorics
3 Credits Weekly (3-0-0)
This course is an introduction to Combinatorics covering permutations, combinations, binomial coefficients, the binomial theorem, the pigeonhole principle, inclusion-exclusion principle, generating functions, recurrences and applications to graph theory.
Prerequisites: A minimum grade of C- in any 100-level Mathematics course, not including MATH 160 or MATH 170.

MATH 225
Linear Algebra II
3 Credits Weekly (3-0-0)
This course introduces the theory of vector spaces, inner product spaces, linear transformations and diagonalization. Specific topics of study include Euclidean n-space, spaces of continuous functions, matrix spaces, Gram-Schmidt process, QR-factorization, least squares method, change of basis, eigenspaces, orthogonal diagonalization, quadratic forms, matrices of transformations and similarity. Various applications are presented.
Prerequisites: A minimum grade of C- in either MATH 120 or MATH 125.

MATH 228
Algebra: Introduction to Ring Theory
3 Credits Weekly (3-0-0)
This course is an introduction to the theory of rings including integral domains, division rings, ring homomorphisms, ideals, quotient rings, fields of quotients, rings of polynomials, irreducible polynomials, Euclidean domains and fields. Specific topics include the well-ordering axiom, the Binomial Theorem, the Euclidean algorithm, the Fundamental Theorem of Arithmetic, and the Chinese Remainder Theorem.
Prerequisites: Minimum grades of C- in either MATH 200 or MATH 241, and in either MATH 120 or MATH 125.

MATH 229
Abstract Algebra I
3 Credits Weekly (3-0-0)
This course is an introduction to the theory of rings and groups, including integral domains, division rings, ring homomorphisms, ideals, groups, subgroups, cyclic groups and group homomorphisms.
Prerequisites: Minimum grades of C- in MATH 200 and one of MATH 120 or MATH 125.

MATH 325
Matrix Theory and Applications
3 Credits Weekly (3-0-0)
This course develops the study of matrices and their applications by way of special classes of matrices and matrix structure theorems. The main application will be to optimization problems.
Prerequisites: Minimum grades of C- in MATH 225 and MATH 114.

MATH 329
Abstract Algebra II
3 Credits Weekly (3-0-0)
This course continues the study of Abstract Algebra begun in Math 229 and studies rings of polynomials, divisibility, irreducibility, quotient rings, Euclidean domains, PIDs and UFDs, normal subgroups, quotient groups and the Sylow theorems.
Prerequisites: A minimum grade of C- in MATH 229.

MATH 241
Geometry
3 Credits Weekly (3-0-0)
The course explores Euclidean Geometry as an axiomatic system, based on invariance under the group of isometries (rigid motions). The material includes congruence, parallelism, similarity, and the theory of measurements based on continuity axioms. The notion of circumference is introduced and treated rigorously. Problem solving is an important component of the course. The problems include proofs, finding loci, and constructions. Transformations in the Euclidean plane are used as a problem-solving tool.
Prerequisites: A minimum grade of C- in any 100-level MATH (p. 771) *course, not including MATH 160 or MATH 170.*

MATH 310
Real Analysis
3 Credits Weekly (3-0-1)
This course presents a rigorous treatment of limit processes in one variable. Topics include real numbers, sequences, limits, continuous functions, differentiation, the Riemann integral, and the topology of the real number system.
Prerequisites: Minimum grade of C- in MATH 214 and in MATH 200.

MATH 311
Theory of Functions of a Complex Variable
3 Credits Weekly (3-0-0)
This course provides an introduction to the fundamental concepts of single variable complex analysis. The main topics include analytic functions, complex power series, Cauchy's Integral Theorem, Cauchy's Integral Formula, the residue theorem and applications to improper real integrals and Fourier transforms.
Prerequisites: Minimum grade of C- in MATH 215.

MATH 320
Elementary Number Theory
3 Credits Weekly (3-0-0)
Elementary methods in number theory are presented. The following topics are included: divisibility, linear Diophantine equations, prime numbers, the fundamental theorem of arithmetic, congruences, the Chinese remainder theorem, Fermat's little theorem, arithmetic functions, Euler's theorem, primitive roots, and quadratic residues.
Prerequisites: Minimum grade of C- in MATH 200; a minimum grade of C- in MATH 228 is recommended.

MATH 321
Fields and Modules
3 Credits Weekly (3-0-0)
This course builds on the knowledge of rings and fields obtained in MATH 228, and introduces the student to basic module theory. Topics studied include finite fields, quadratic number fields and algebraic field extensions, the Fundamental Theorem of Algebra, modules, and Noetherian rings.
Prerequisites: Minimum grade of C- in MATH 225 and MATH 228.

MATH 330
Ordinary Differential Equations
3 Credits Weekly (3-2-0)
This course provides techniques for solving ordinary differential equations and systems of first order equations and investigates the qualitative nature of solutions of dynamical systems. Topics covered include first order equations, linear equations of higher order and linear dynamical systems with constant coefficients.
Prerequisites: Minimum grades of C- in MATH 214, and in either MATH 120 or MATH 125.

MATH 335
Numerical Methods
3 Credits Weekly (3-2-0)
This course presents numerical methods for solving problems in linear algebra, non-linear equations, interpolations, approximation of functions, differentiation and integration. The numerical algorithms are illustrated using an appropriate computer programming language and specific libraries.
Prerequisites: Minimum grades of C- in MATH 214, CMPT 101, and one of MATH 120 or MATH 125.

MATH 341
Modern Geometries
3 Credits Weekly (3-0-0)
This course explores Euclidean and Non-Euclidean plane geometries from the viewpoint of Klein's Erlangen program, based on invariance under groups of transformations in the extended complex plane. Mobius geometry is introduced, and Euclidean, hyperbolic, and elliptic geometries are studied as its subgeometries. The differences in axiomatics and results of the Euclidean and Lobachevsky – Bolyai geometries are discussed based on the disc model of hyperbolic geometry. Elliptic geometry is considered as another Mobius subgeometry.
Prerequisites: Minimum grades of C- in MATH 241, and in either MATH 120 or MATH 125.

MATH 350
Introduction to Graph Theory
3 Credits Weekly (3-0-0)
This course discusses graphs and digraphs, paths and cycles, trees, planarity, colouring problems and matching problems. In addition, graph algorithms and some applications to other disciplines are studied.
Prerequisites: Minimum grades of C- in either MATH 120 or MATH 125, and in either MATH 200 or MATH 222.

MATH 361
History of Mathematics
3 Credits Weekly (3-0-0)
The course is a survey of the history of mathematics from ancient times through the development of calculus and the origins of modern algebra in the nineteenth century. It emphasizes the events that led to the development of modern and classic mathematics from a problem solving perspective. Biographies of famous mathematicians complement the abstract concepts of mathematics.
Prerequisites: Minimum grade of C- in any two 200-level MATH (p. 771) *courses.*

MATH 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic from mathematics in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

MATH 410
Analysis and Topology
3 Credits Weekly (3-0-0)
This course continues the study of Analysis begun in MATH 310 and examines differentiation and integration in Rn. Specific topics covered will include: implicit and inverse functions theorems, Fubini's theorem, differential forms, and the generalized Stokes' theorem.
Prerequisites: Minimum grade of C- in MATH 225 and MATH 310.

MATH 420
Groups and Galois Theory
3 Credits Weekly (3-0-0)
This course is a treatment of symmetry, beginning with groups, then developing the ideas of Galois theory, and finishing with the quintic equation. Topics include groups, normal subgroups, quotient groups, Cayley's Theorem, the Class equation, permutations, group actions, the Sylow theorems, splitting fields, Galois extensions, the Main Theorem of Galois theory, Kummer extensions, cubic, quartic and quintic equations.
Prerequisites: Minimum grade of C- in MATH 321.

MATH 428
Introduction to Galois Theory
3 Credits Weekly (3-0-0)
This course is an introduction to Galois Theory, covering topics such as algebraic extensions, algebraic closure, splitting fields, Galois extensions, the Galois group, the fundamental theorem of Galois theory and solvability of polynomial equations via radicals.
Prerequisites: A minimum grade of C- in MATH 329.

MATH 429
Introduction to the Theory of Modules
3 Credits Weekly (3-0-0)
This course is an introduction into the theory of modules over rings and covers topics as modules, homomorphisms and isomorphisms, quotient modules, free modules, generators, tensor products, Noetherian rings and modules.
Prerequisites: A minimum grade of C- in MATH 329.

MATH 430
Applied Dynamical Systems
3 Credits Weekly (3-1-0)
This course presents an introduction to dynamical systems related to ordinary differential equations in the continuous case, or to difference equations in the discrete case. Elementary existence and uniqueness theorems and stability are considered for linear and non-linear systems of ordinary differential equations. Periodic solutions, chaotic attractors, an introduction to bifurcation theory, basic notions of discrete dynamical systems, and deterministic chaos are discussed. Applications are chosen from biology, physics and other areas.
Prerequisites: Minimum grade of C- in MATH 310 and MATH 330.

MATH 436
Introduction to Partial Differential Equations
3 Credits Weekly (3-2-0)
The goal of this course is to introduce the student to the mathematical modeling of classical physical systems such as vibrating systems, diffusive processes and steady state phenomena. The course starts with a rigorous introduction of the first-order and linear second-order partial differential equations (PDEs) followed by elements of Fourier analysis. The method of characteristics is used to find and interpret classes of solutions for the above models. The lab component will familiarize the student with formal and numerical manipulations of PDE's. The main scope of the lab is to enable the student to visualize and discuss solutions for classical models for PDE's.
Prerequisites: Minimum grades of C- in MATH 310 and MATH 330.

MATH 495
Special Topics in Mathematics
3 Credits Weekly (3-0-1)
This course examines an advanced topic of specialization in mathematics. The instructor chooses the topic in any given semester. Students can take this course up to three times, provided the course topic is different.
Prerequisites: A minimum grade of B- in a 300-level MATH (p. 771*) course and consent of the department.*

MATH 498
Advanced Independent Study in Mathematics
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic from mathematics in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

MATH 499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor, registered students explore a specific topic in depth through research or directed reading. The student plans, executes, and reports the results of their independent research or study project under the direction of a faculty supervisor in a written Honours Thesis with oral defense. Note: This course is intended for students in the final year of their degree and is open only to students in the Mathematics Honours program.
Prerequisites: Consent of the Department.

Statistics Courses

STAT 151
Introduction to Applied Statistics
3 Credits Weekly (3-1.5-0)
In this course the following topics are covered: data collection and presentation; descriptive statistics; probability distributions, sampling distributions and the central limit theorem; point estimation, confidence intervals, and hypothesis testing; one-way ANOVA; Chi-square tests; and correlation and regression analysis. Applications are taken from a broad variety of fields such as biological and medical sciences, engineering, social sciences and economics. Note: This course may not be taken for credit if credit has been obtained in Stat 161.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT 161
Applied Statistics for the Social Sciences
3 Credits Weekly (3-1.5-0)
This course provides an introduction to descriptive and inferential statistics with a focus on data analytic tools particularly relevant in the social sciences. Topics covered in this course include descriptive statistics, basic probability theory and the central limit theorem; estimation and hypothesis testing; t-tests, analysis of contingency tables, one way ANOVA, and multiple linear regression analysis. Applications are taken from the social sciences and many other fields such as biological and medical sciences, engineering, and economics. Note: Credit cannot be obtained in both STAT 151 and 161.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT 252
Applied Statistics II
3 Credits Weekly (3-2-0)
Fundamental methods in applied statistics are presented in this course including the following topics: factorial ANOVA and Linear Regression models and their analysis as well as non-parametric statistical tools for the comparison of the centre of distributions. Applications are taken from a broad variety of areas such as biological, social and computer sciences, engineering, and economics.
Prerequisites: A minimum grade of C- in one of STAT 151 or STAT 161.

STAT 265
Probability Theory I
3 Credits Weekly (3-0-1)
This course offers a calculus-based introduction to probability theory. Topics covered include sample space, events, combinatorial probability, conditional probability, independent events, Bayes' theorem, discrete and continuous random variables, univariate and multivariate probability distributions, expectation, conditional expectation, joint probability distributions, independence, moment generating functions. Note: STAT 151 is recommended and MATH 214 is a recommended corequisite.
Prerequisites: A minimum grade of C- in MATH 115.

STAT 266
Mathematical Statistics
3 Credits Weekly (3-1-1)
The emphasis of this course is to present the fundamental statistical concepts in estimation and hypothesis testing from a classical perspective using the tools of probability theory. Topics covered include: limit theorems, sampling distributions, methods of point estimation and properties of point estimators, interval estimation, testing hypotheses. Statistical software is used to simulate distributions and probabilistic processes that lead to statistical applications.
Prerequisites: Minimum grades of C- in STAT 265, STAT 151 or STAT 161, and in either CMPT 101 or CMPT 103.

STAT 312
Probability Theory II
3 Credits Weekly (3-0-0)
This course offers a rigorous approach to probability theory. Topics covered include concepts of probability theory, multivariate random variables, conditional expectation and variance, probability and moment generating functions, the multivariate normal distribution, different types of convergence and limit theorems, Poisson and branching processes.
Prerequisites: Minimum grades of C- in MATH 215, MATH 225, and STAT 265.

STAT 322
Finite Markov Chains and Applications
3 Credits Weekly (3-0-1)
This course presents fundamental results regarding finite Markov chains. Topics covered include connection with matrix theory, classification of states, main properties of absorbing, regular and ergodic finite Markov chains. Applications to genetics, psychology, computing science and engineering are also included.
Prerequisites: Minimum grades of C- in either MATH 120 or MATH 125, and in STAT 265; a minimum grade of C- in Math 214 is recommended.

STAT 324
Computational Statistics with R
3 Credits Weekly (2-2-0)
This course explores the usage of computer programming and algorithms in the field of statistics. The focus of the course will be computationally intensive statistical methods, such as Monte Carlo simulations, the expectation-maximization algorithm, and bootstrapping. The material will be illustrated and the students' work will be carried out using R (a free, open source, multi-platform programming language).
Prerequisites: Minimum grades of C- in STAT 266, and in either CMPT 101 or CMPT 103.

STAT 350
Sampling Theory and Applications
3 Credits Weekly (3-0-0)
This course concentrates on the design and analysis techniques for sample surveys. Topics include simple random sampling, stratified sampling, ratio, regression and difference estimation, single-stage cluster sampling, systematic sampling, two-stage cluster sampling.
Prerequisites: A minimum grade of C- in STAT 265.

STAT 353
Design and Analysis of Experiments
3 Credits Weekly (3-2-0)
This course deals with design, conduct and analysis of experimental studies. Topics include: principles of design, completely randomized design with one factor, randomized complete block designs, Latin square design, Graeco-Latin square design, balanced incomplete block design, factorial design, two-level factorial design, two-level factorial design in incomplete blocks, two-level fractional factorial design, experiments with random factors, and nested and split-plot designs.
Prerequisites: A minimum grade of C- in STAT 266.

STAT 370
Applied Time Series Analysis
3 Credits Weekly (3-2-0)
This is an introductory course in applied time series analysis. Topics include computational techniques in time domain for simple time series models. Model selection, estimation, and forecasting are illustrated for the autoregressive, moving average, ARMA, ARIMA and SARIMA models. Applications are taken from medical and social sciences, biology, engineering and business.
Prerequisites: Minimum grades of C- in STAT 266, MATH 214, and MATH 225.

STAT 371
Applied Categorical Data Analysis
3 Credits Weekly (3-2-0)
This course presents fundamental methods in categorical data analysis emphasizing applications. Topics include: analysis of two-way tables, models for binary response variables, loglinear models, and models for ordinal data and multinomial response data.
Prerequisites: A minimum grade of C- in either STAT 252 or STAT 266.

STAT 372
Applied Multivariate Statistics and Machine Learning
3 Credits Weekly (3-2-0)
This course focuses on essential multivariate statistical methods. Topics include matrix algebra, tests of significance, principal components analysis, factor analysis, discriminant analysis, cluster analysis and canonical correlation analysis. This course is relevant to working professionals in health, social biological and behavioral sciences who engage in applied research in their field.
Prerequisites: Minimum grades of C- in STAT 265, one of MATH 120 or MATH 125, and one of STAT 151 or STAT 161.

STAT 378
Applied Regression Analysis
3 Credits Weekly (3-2-0)
The course introduces methods in regression analysis. Topics include: multiple linear regression with particular focus on diagnostics, non-linear regression, and generalized linear models, such as Poisson regression and logistic regression. Emphasis will be placed on the practical application of the statistical methods.
Prerequisites: Minimum grades of C- in either STAT 266 or in all of STAT 252, MATH 114, and either MATH 120 or MATH 125.

STAT 395
Special Topics in Statistics at the intermediate level
3 Credits Weekly (3-0-1)
In this course students examine a topic in Statistics at the intermediate level. Topics vary and are announced prior to registration. Consult with faculty members in Statistics for details regarding current offerings. Note: This course may be taken multiple times for credit.
Prerequisites: A minimum grade of B- in STAT 265 and consent of the department.

STAT 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

STAT 412
Stochastic Processes
3 Credits Weekly (3-2-0)
This course presents fundamental results regarding discrete and continuous time Markov chains, branching processes, random walks, birth and death processes, semi-Markov processes, and Brownian motions. A practical but rigorous approach to stochastic processes will be utilized, with a focus on building models and understanding them mathematically.
Prerequisites: Minimum grades of C- in CMPT 101 or CMPT 103, MATH 214, MATH 225, STAT 266, and an additional three credits in any 300-level STAT (p. 848) *course.*

STAT 465
Probability Theory and Mathematical Statistics II
3 Credits Weekly (3-1-0)
This course offers a rigorous approach to probability theory and mathematical statistics. Topics include conditional expectation and variance, multivariate normal distribution, convergence, laws of large numbers, central limit theorem, maximum likelihood estimator and its properties, Delta method, likelihood ratio tests, Taylor and Edgeworth expansions.
Prerequisites: A minimum grade of C- in Math 225, STAT 266 and any 300-level statistics course.

STAT 478
Applied Generalized Linear Models
3 Credits Weekly (3-2-0)
The course introduces the theory of generalized linear models and their applications. Topics include exponential family of distributions, modeling binomial and count data, linear mixed models, gamma and inverse-Gaussian generalized linear models, and introduction to survival analysis. Emphasis will be placed on the practical application of the statistical methods.
Prerequisites: A minimum grade of C- in both STAT 266 and STAT 378.

STAT 495
Special Topics in Statistics
3 Credits Weekly (3-0-1)
In this course, students examine an advanced topic in Statistics. Topics vary and are announced prior to registration. Consult with faculty members in Statistics for details regarding current offerings. Note: This course may up to three times for credit provided the topic is different.
Prerequisites: Minimum grade of B- in a 300-level STAT *(*p. 848*) course and consent of the department.*

STAT 496
Statistical Consulting Project
3 Credits Total (0-0-45)
The aim of the course is to provide students with experience in statistical consultation. Students are assigned to research projects as consultants, which requires them to consider ethical statistical practice, choose the appropriate statistical technique, and communicate the results to a non-mathematical audience.
Prerequisites: A minimum grade of C- in two 300-level STAT *(*p. 848*) courses and consent of the department.*

STAT 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

STAT 499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor, registered students explore a specific topic in depth through research or directed reading. The student plans, executes, and reports the results of their independent research or study project under the direction of a faculty supervisor in a written Honours Thesis with oral defense. Note: This course is intended for students in the final year of their degree and is open only to students in the Applied Statistics Honours program.
Prerequisites: Consent of the Department.

Mathematics - Bachelor of Science

Overview

Mathematics is the study of numbers, shapes and relationships through the use of deductive reasoning, and includes both the elegance of pure theory and the application of this theory to all human endeavours. As a mathematics student, you will study topics from the fields of algebra, analysis, geometry and applied mathematics. You'll be rewarded for you hard work with sophisticated analytical tools, a highly developed ability in precise critical thinking, and a general knowledge of the main streams of mathematical thought and their applications to various disciplines.

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Bachelor of Science

Faculty of Arts and Science
MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can

complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as “Undeclared.” Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-
Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉
Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6
Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60
Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

1

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options
ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth

CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements

PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 203	SCIOP 2XX	Options
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Mathematics Requirements

Mathematics Major

Mathematics Honours

Mathematics Minor

Mathematics Major

The Bachelor of Science (BSc) in Mathematics program requires students to complete 120 credits of non-duplicative coursework. In addition to the Mathematics Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Science major

Students are required to complete option courses as well as the major(s) and minor(s). All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Mathematics Major is 45 to 60 credits with a minimum of 36 senior-level credits and a minimum of six credits at the 400-level.

Note: Students majoring in Mathematics are required to complete CMPT 101 or CMPT 103.

Bachelor of Science - Mathematics Major

Code	Title	Credits
Specific Major Requirements		
MATH 114	Elementary Calculus I	3
MATH 115	Elementary Calculus II	3
MATH 120	Basic Linear Algebra I	3
or MATH 125	Linear Algebra I	
MATH 200	Fundamental Concepts of Math	3
MATH 214	Intermediate Calculus I	3
MATH 215	Intermediate Calculus II	3
MATH 225	Linear Algebra II	3
MATH 229	Abstract Algebra I	3
or MATH 241	Geometry	
MATH 310	Real Analysis	3
MATH 330	Ordinary Differential Equations	3
General Major Requirements		
Choose 15 to 30 credits from senior-level MATH. Students can also use STAT 265, STAT 266, STAT 312, and/or STAT 412 to fulfill the general major requirements.		15-30
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60

Options	
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	0-60
Total Credits	**120**

Mathematics Honours

The Bachelor of Science (BSc) Mathematics Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Mathematics Honours program is comprised of 81 to 84 credits with a minimum of 12 credits at the 400-level. Students are required to declare a minor subject as part of the Mathematics Honours requirements. Minors are comprised of 18 senior-level credits.

For admittance/acceptance into Mathematics Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six MATH credits completed at the senior-level
4. A minimum GPA of 3.3 across all senior-level MATH courses

Students accepted and enrolled in the Mathematics Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all senior-level MATH courses and STAT 265, STAT 266, or STAT 322 (if completed) for each 12 consecutive months following acceptance into the Honours program. Failure to maintain a 3.3 Honours GPA will result in the student's program status reverting to a BSc Mathematics Major.

All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, minor(s), or options.

Bachelor of Science - Mathematics Honours

Code	Title	Credits
Specific Honours Requirements		
MATH 114	Elementary Calculus I	3
MATH 115	Elementary Calculus II	3
MATH 120	Basic Linear Algebra I	3
or MATH 125	Linear Algebra I	
MATH 200	Fundamental Concepts of Math	3
MATH 214	Intermediate Calculus I	3
MATH 215	Intermediate Calculus II	3
MATH 225	Linear Algebra II	3
MATH 229	Abstract Algebra I	3
MATH 241	Geometry	3
MATH 310	Real Analysis	3
MATH 311	Theory of Functions of a Complex Variable	3
MATH 329	Abstract Algebra II	3
MATH 330	Ordinary Differential Equations	3
MATH 410	Analysis and Topology	3
MATH 499	Honours Thesis	3
General Honours Requirements		
Honours Requirements		
Choose 18 to 21 credits from senior-level MATH. Students can also use STAT 265, STAT 266, STAT 312, and/or STAT 412 to fulfill the general Honours requirements.		18-21
Required Minor		
Minor discipline chosen in consultation with the Mathematics Honours advisor		18
Option Courses		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		36-39
Total Credits		**120**

Mathematics Minor

The Mathematics Minor requires 18 senior-level MATH credits with a minimum of six credits at the 300- or 400-level.

Note: Junior-level required courses MATH 114, MATH 115, and one of MATH 120 or MATH 125.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level MATH. Students can also use STAT 265, STAT 266, STAT 312 and/or STAT 412 to fulfill the minor requirements.		18
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline.

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so

will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Mathematics Major Program Learning Outcomes

1. Remembering
Define mathematical concepts clearly and concisely and support them with examples.

2. Understanding
Show proficiency in mathematical terms and concepts to follow and evaluate arguments by using different strategies. Have an awareness of questions to which mathematics can provide answers. Use a heuristic aspect of developing a mathematical concept before formalizing it with all the necessary proofs.

3. Creating and Applying
Make use of mathematical terminology in a variety of contexts where they arise. Develop a strategy to formulate and solve a mathematical problem. Use a critical integrated knowledge system to form a judgment and apply it in formulating a mathematical problem and use appropriate reasoning skills to solve the problem. Apply computational algorithms in theoretical or applied settings.

4. Analyzing
Analyze qualitatively diverse types of mathematical representations using various processes. Analyze a mathematical problem to discover strategies for optimization of solutions.

5. Evaluating
Prove ability in applying mathematical principles and processes in solving problems in mathematics, other disciplines, and in everyday life.

Mathematics Honours Program Learning Outcomes

1. Remembering
Explain mathematical concepts comprehensively and support them with proofs and examples.

2. Understanding
Demonstrate proficiency in mathematical terms and concepts to follow and evaluate arguments by using different strategies. Connect mathematical knowledge that promotes innovative ideas that advance knowledge on established results and past decisions. Use a heuristic aspect of developing a mathematical concept before formalizing it with all the necessary proofs.

3. Creating and Applying
Apply and develop mathematical concepts or algorithms in solving problems with varying degrees of difficulty. Apply appropriately critical integrated systems to form a judgement based on logical deduction, evaluation, reflection, explanation, and informed argument. Identify theoretical or applied situations which require the association of mathematical representations and apply specific algorithms in solving problems and modeling processes.

4. Analyzing
Examine conditions of existence or compatibility of mathematical systems and identify appropriate methods to solve them. Analyze qualitatively diverse types of mathematical representations using various processes. Formulate, model, represent, and solve related mathematical problems arising from various contexts and applications. Discover strategies for optimization of solutions.

5. Evaluating
Process quantitative, qualitative, structural, and contextual data contained in mathematical problems and interpret their solutions in the context where they arose. Use "outside-the-box" thinking based on

mathematical reasoning skills (analysis, evaluation, and synthesis) to inform abstract and creative thinking into novel ways of information processing and problem-solving. Maximize problem-solving by choosing appropriate strategies and methods (e.g., algebraic, vectorial, analytic, synthetic).

Mathematics Minor Program Learning Outcomes

1. Remembering
Define basic concepts related to numbers, measuring, structures, and operations.

2. Understanding
Show proficiency in basic mathematical terms and concepts to follow and evaluate arguments. Have an awareness of questions to which mathematics can provide answers.

3. Creating and Applying
Make use of mathematical terminology in a variety of contexts where they arise. Use mathematical tools learned by applying them in solving basic mathematics problems and to assist in finding solutions to problems from other disciplines.

4. Analyzing
Test for the validity of an answer to a mathematical problem by comparing different methods. Use fundamental mathematical analysis to verify solutions and use judgment to discern whether a solution is reasonable in the context where it arose.

5. Evaluating
Choose appropriate mathematical methods to approach a problem that shows direct mathematical evidence.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students can also use STAT 265, STAT 266, STAT 312, or STAT 322 to fulfill general major requirements

Year 1	Credits
MATH 114	3
MATH 115	3
Choose 3 credits (1 course) from the following:	3
MATH 120	
MATH 125	
Choose 3 credits (1 course) from the following:	3
CMPT 101	
CMPT 103	
ENGL 102	3
Breadth Requirements	15
	30

Year 2	Credits
MATH 200	3
MATH 214	3
MATH 215	3
MATH 225	3
Choose 3 credits (1 course) from the following:	3
MATH 229	
MATH 241	
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 3	Credits
MATH 310	3
MATH 330	3
Choose 3 credits (1 course) from senior-level MATH	3
Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Year 4	Credits
Choose 6 credits (2 courses) from 400-level MATH	6
Choose 6 credits (2 courses) from senior-level MATH	6
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

MATH 099	Precalculus Mathematics
MATH 114	Elementary Calculus I
MATH 115	Elementary Calculus II
MATH 120	Basic Linear Algebra I
MATH 125	Linear Algebra I
MATH 200	Fundamental Concepts of Math
MATH 214	Intermediate Calculus I
MATH 223	Introduction to Combinatorics
MATH 225	Linear Algebra II
MATH 241	Geometry
MATH 310	Real Analysis
MATH 325	Matrix Theory and Applications
MATH 329	Abstract Algebra II
MATH 330	Ordinary Differential Equations
MATH 350	Introduction to Graph Theory
MATH 495	Special Topics in Mathematics

Winter 2025

MATH 099	Precalculus Mathematics

MATH 114	Elementary Calculus I
MATH 115	Elementary Calculus II
MATH 120	Basic Linear Algebra I
MATH 125	Linear Algebra I
MATH 200	Fundamental Concepts of Math
MATH 215	Intermediate Calculus II
MATH 225	Linear Algebra II
MATH 229	Abstract Algebra I
MATH 311	Theory of Functions of a Complex Variable
MATH 320	Elementary Number Theory
MATH 335	Numerical Methods
MATH 410	Analysis and Topology
MATH 429	Introduction to the Theory of Modules
MATH 430	Applied Dynamical Systems

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Mathematics Courses

MATH 099
Precalculus Mathematics
3 Credits Weekly (3-0-0)
This course reviews and extends the mathematical concepts needed to be successful in university level calculus. Topics include graphing, equations of lines, inequalities, review of elementary algebra, functions, and trigonometry. MATH 099 cannot be used to fulfill the requirements of the Bachelor of Arts, the Bachelor of Commerce, or the Bachelor of Science programs.
Prerequisites: Mathematics 30-1 or Mathematics 30-2.

MATH 100
Calculus I
3.5 Credits Weekly (3-1-0)
This course provides an introduction to the fundamentals of calculus. The students learn about rectangular coordinates, analytic geometry, transcendental functions, inverse functions, limits, continuity, derivatives and applications, Taylor polynomials, integration and applications. Note: This course is restricted to Engineering students. Credit can only be obtained in one of MATH 100 or MATH 113 or MATH 114.
Prerequisites: Mathematics 30-1 and Mathematics 31.

MATH 101
Calculus II
3.5 Credits Weekly (3-1.5-0)
This course provides a continuation of the study of Calculus. Students learn about techniques of integration, arc length, area of a surface of revolution, applications to physics and engineering, first order ordinary differential equations (separable and linear), infinite series, power series, Taylor expansions, polar coordinates, rectangular coordinates in R3, parametric curves in the plane and space (graphing, arc length, curvature), normal, binormal, tangent in R3. Note: This course is restricted to Engineering Program students. Credit can only be obtained in one of MATH 101 or MATH 115.
Prerequisites: Minimum grade of C- in MATH 100.

MATH 102
Applied Linear Algebra
3.5 Credits Weekly (3-1.5-0)
This course provides an introduction to the fundamentals of linear algebra and some of their applications. The course content includes vectors and matrices; solutions of linear equations; equations of lines and planes; determinants; matrix algebra, linear transformations and their matrices; general vector spaces and inner product spaces; orthogonality and Gram-Schmidt process; eigenvalues and eigenvectors; and complex numbers. Note: This course is restricted to Engineering students. MATH 100 may be taken as a co-requisite with consent of the department. The course may not be taken for credit if credit has already been obtained in MATH 120 or MATH 125.
Prerequisites: A minimum grade of C- in MATH 100.

MATH 114
Elementary Calculus I
3 Credits Weekly (4-0-0)
This course examines the fundamental concept of limits, differentiation and integration. Limits and differentiation of algebraic and trigonometric functions are studied along with applications including related rates, optimizing and curve sketching. This course concludes with a study of Riemann sums, the Fundamental Theorem of Calculus and substitution. Note: Students who have received credit in MATH 113 or MATH 100 may not take MATH 114 for credit.
Prerequisites: A minimum grade of 80% in Mathematics 30-1, or successful completion (50% or better) of Mathematics 31, or a minimum grade of C- in MATH 099, or successful completion of the MATH 114 gateway exam.

MATH 115
Elementary Calculus II
3 Credits Weekly (3-1-0)
This course investigates the differentiation and integration of trigonometric, exponential and logarithmic functions. Indeterminate forms and improper integrals are studied, as well as the techniques and applications of integration. Note: Credit can only be obtained in one of MATH 115 or MATH 101.
Prerequisites: A minimum grade of C- in MATH 114.

MATH 120
Basic Linear Algebra I
3 Credits Weekly (3-0-0)
This is an introduction to the basic notions and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product, cross product, and orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, and applications. NOTE: This course cannot be taken for credit if credit has already been obtained in either of MATH 102 or MATH 125.
Prerequisites: Mathematics 30-1 or a minimum grade of 80% in Mathematics 30-2.

MATH 125
Linear Algebra I
3 Credits Weekly (3-0-0)
This is an enriched introduction to the basic notions and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product, cross product, orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, and applications. NOTE: The course covers the same basic topics as MATH 120, however it is a more rigorous course, and selected topics and applications are covered in more depth.
Prerequisites: Mathematics 30-1.

MATH 160
Higher Arithmetic
3 Credits Weekly (3-0-0)
This course emphasizes the development of clarity in the understanding of mathematical ideas and processes, communication of these ideas to others, and application of these ideas to problem solving. Both inductive and deductive methods are explored in the study of elementary number theory, numeration systems, operations on integers and rational numbers, and elementary probability theory. Note: This course is offered to students who intend to pursue Elementary Education.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the gateway exam.

MATH 200
Fundamental Concepts of Math
3 Credits Weekly (3-0-0)
This course provides an introduction to axiomatic systems and mathematical proof. These ideas are developed using examples taken primarily from set theory and number theory.
Prerequisites: A minimum grade of C- in one of MATH 114, MATH 120, or MATH 125.

MATH 214
Intermediate Calculus I
3 Credits Weekly (3-1-0)
This course completes the study of single-variable calculus and introduces students to the basic concepts of multi-variable calculus. Topics in single-variable calculus include area and arc length of plane curves defined by parametric or polar equations, infinite series, and power series. Topics in multi-variable calculus include: vector functions and space curves, functions of several variables, and partial derivatives with applications.
Prerequisites: Minimum grade of C- in MATH 115, and in either MATH 120 or MATH 125.

MATH 215
Intermediate Calculus II
3 Credits Weekly (3-1-0)
This course continues the study of multivariable calculus. Topics include: curves, tangent vectors, arc length; integration in two and three dimensions; polar, cylindrical and spherical coordinates; line and surface integrals, Green's, divergence and Stokes' theorems; first and second order linear differential equations.
Prerequisites: A minimum grade of C- in MATH 214.

MATH 223
Introduction to Combinatorics
3 Credits Weekly (3-0-0)
This course is an introduction to Combinatorics covering permutations, combinations, binomial coefficients, the binomial theorem, the pigeonhole principle, inclusion-exclusion principle, generating functions, recurrences and applications to graph theory.
Prerequisites: A minimum grade of C- in any 100-level Mathematics course, not including MATH 160 or MATH 170.

MATH 225
Linear Algebra II
3 Credits Weekly (3-0-0)
This course introduces the theory of vector spaces, inner product spaces, linear transformations and diagonalization. Specific topics of study include Euclidean n-space, spaces of continuous functions, matrix spaces, Gram-Schmidt process, QR-factorization, least squares method, change of basis, eigenspaces, orthogonal diagonalization, quadratic forms, matrices of transformations and similarity. Various applications are presented.
Prerequisites: A minimum grade of C- in either MATH 120 or MATH 125.

MATH 228
Algebra: Introduction to Ring Theory
3 Credits Weekly (3-0-0)
This course is an introduction to the theory of rings including integral domains, division rings, ring homomorphisms, ideals, quotient rings, fields of quotients, rings of polynomials, irreducible polynomials, Euclidean domains and fields. Specific topics include the well-ordering axiom, the Binomial Theorem, the Euclidean algorithm, the Fundamental Theorem of Arithmetic, and the Chinese Remainder Theorem.
Prerequisites: Minimum grades of C- in either MATH 200 or MATH 241, and in either MATH 120 or MATH 125.

MATH 229
Abstract Algebra I
3 Credits Weekly (3-0-0)
This course is an introduction to the theory of rings and groups, including integral domains, division rings, ring homomorphisms, ideals, groups, subgroups, cyclic groups and group homomorphisms.
Prerequisites: Minimum grades of C- in MATH 200 and one of MATH 120 or MATH 125.

MATH 241
Geometry
3 Credits Weekly (3-0-0)
The course explores Euclidean Geometry as an axiomatic system, based on invariance under the group of isometries (rigid motions). The material includes congruence, parallelism, similarity, and the theory of measurements based on continuity axioms. The notion of circumference is introduced and treated rigorously. Problem solving is an important component of the course. The problems include proofs, finding loci, and constructions. Transformations in the Euclidean plane are used as a problem-solving tool.
Prerequisites: A minimum grade of C- in any 100-level MATH (p. 771) *course, not including MATH 160 or MATH 170.*

MATH 310
Real Analysis
3 Credits Weekly (3-0-1)
This course presents a rigorous treatment of limit processes in one variable. Topics include real numbers, sequences, limits, continuous functions, differentiation, the Riemann integral, and the topology of the real number system.
Prerequisites: Minimum grade of C- in MATH 214 and in MATH 200.

MATH 311
Theory of Functions of a Complex Variable
3 Credits Weekly (3-0-0)
This course provides an introduction to the fundamental concepts of single variable complex analysis. The main topics include analytic functions, complex power series, Cauchy's Integral Theorem, Cauchy's Integral Formula, the residue theorem and applications to improper real integrals and Fourier transforms.
Prerequisites: Minimum grade of C- in MATH 215.

MATH 320
Elementary Number Theory
3 Credits Weekly (3-0-0)
Elementary methods in number theory are presented. The following topics are included: divisibility, linear Diophantine equations, prime numbers, the fundamental theorem of arithmetic, congruences, the Chinese remainder theorem, Fermat's little theorem, arithmetic functions, Euler's theorem, primitive roots, and quadratic residues.
Prerequisites: Minimum grade of C- in MATH 200; a minimum grade of C- in MATH 228 is recommended.

MATH 321
Fields and Modules
3 Credits Weekly (3-0-0)
This course builds on the knowledge of rings and fields obtained in MATH 228, and introduces the student to basic module theory. Topics studied include finite fields, quadratic number fields and algebraic field extensions, the Fundamental Theorem of Algebra, modules, and Noetherian rings.
Prerequisites: Minimum grade of C- in MATH 225 and MATH 228.

MATH 325
Matrix Theory and Applications
3 Credits Weekly (3-0-0)
This course develops the study of matrices and their applications by way of special classes of matrices and matrix structure theorems. The main application will be to optimization problems.
Prerequisites: Minimum grades of C- in MATH 225 and MATH 114.

MATH 329
Abstract Algebra II
3 Credits Weekly (3-0-0)
This course continues the study of Abstract Algebra begun in Math 229 and studies rings of polynomials, divisibility, irreducibility, quotient rings, Euclidean domains, PIDs and UFDs, normal subgroups, quotient groups and the Sylow theorems.
Prerequisites: A minimum grade of C- in MATH 229.

MATH 330
Ordinary Differential Equations
3 Credits Weekly (3-2-0)
This course provides techniques for solving ordinary differential equations and systems of first order equations and investigates the qualitative nature of solutions of dynamical systems. Topics covered include first order equations, linear equations of higher order and linear dynamical systems with constant coefficients.
Prerequisites: Minimum grades of C- in MATH 214, and in either MATH 120 or MATH 125.

MATH 335
Numerical Methods
3 Credits Weekly (3-2-0)
This course presents numerical methods for solving problems in linear algebra, non-linear equations, interpolations, approximation of functions, differentiation and integration. The numerical algorithms are illustrated using an appropriate computer programming language and specific libraries.
Prerequisites: Minimum grades of C- in MATH 214, CMPT 101, and one of MATH 120 or MATH 125.

MATH 341
Modern Geometries
3 Credits Weekly (3-0-0)
This course explores Euclidean and Non-Euclidean plane geometries from the viewpoint of Klein's Erlangen program, based on invariance under groups of transformations in the extended complex plane. Mobius geometry is introduced, and Euclidean, hyperbolic, and elliptic geometries are studied as its subgeometries. The differences in axiomatics and results of the Euclidean and Lobachevsky — Bolyai geometries are discussed based on the disc model of hyperbolic geometry. Elliptic geometry is considered as another Mobius subgeometry.
Prerequisites: Minimum grades of C- in MATH 241, and in either MATH 120 or MATH 125.

MATH 350
Introduction to Graph Theory
3 Credits Weekly (3-0-0)
This course discusses graphs and digraphs, paths and cycles, trees, planarity, colouring problems and matching problems. In addition, graph algorithms and some applications to other disciplines are studied.
Prerequisites: Minimum grades of C- in either MATH 120 or MATH 125, and in either MATH 200 or MATH 222.

MATH 361
History of Mathematics
3 Credits Weekly (3-0-0)
The course is a survey of the history of mathematics from ancient times through the development of calculus and the origins of modern algebra in the nineteenth century. It emphasizes the events that led to the development of modern and classic mathematics from a problem solving perspective. Biographies of famous mathematicians complement the abstract concepts of mathematics.
Prerequisites: Minimum grade of C- in any two 200-level MATH *(*p. 771*) courses.*

MATH 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic from mathematics in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

MATH 410
Analysis and Topology
3 Credits Weekly (3-0-0)
This course continues the study of Analysis begun in MATH 310 and examines differentiation and integration in Rn. Specific topics covered will include: implicit and inverse functions theorems, Fubini's theorem, differential forms, and the generalized Stokes' theorem.
Prerequisites: Minimum grade of C- in MATH 225 and MATH 310.

MATH 420
Groups and Galois Theory
3 Credits Weekly (3-0-0)
This course is a treatment of symmetry, beginning with groups, then developing the ideas of Galois theory, and finishing with the quintic equation. Topics include groups, normal subgroups, quotient groups, Cayley's Theorem, the Class equation, permutations, group actions, the Sylow theorems, splitting fields, Galois extensions, the Main Theorem of Galois theory, Kummer extensions, cubic, quartic and quintic equations.
Prerequisites: Minimum grade of C- in MATH 321.

MATH 428
Introduction to Galois Theory
3 Credits Weekly (3-0-0)
This course is an introduction to Galois Theory, covering topics such as algebraic extensions, algebraic closure, splitting fields, Galois extensions, the Galois group, the fundamental theorem of Galois theory and solvability of polynomial equations via radicals.
Prerequisites: A minimum grade of C- in MATH 329.

MATH 429
Introduction to the Theory of Modules
3 Credits Weekly (3-0-0)
This course is an introduction into the theory of modules over rings and covers topics as modules, homomorphisms and isomorphisms, quotient modules, free modules, generators, tensor products, Noetherian rings and modules.
Prerequisites: A minimum grade of C- in MATH 329.

MATH 430
Applied Dynamical Systems
3 Credits Weekly (3-1-0)
This course presents an introduction to dynamical systems related to ordinary differential equations in the continuous case, or to difference equations in the discrete case. Elementary existence and uniqueness theorems and stability are considered for linear and non-linear systems of ordinary differential equations. Periodic solutions, chaotic attractors, an introduction to bifurcation theory, basic notions of discrete dynamical systems, and deterministic chaos are discussed. Applications are chosen from biology, physics and other areas.
Prerequisites: Minimum grade of C- in MATH 310 and MATH 330.

MATH 436
Introduction to Partial Differential Equations
3 Credits Weekly (3-2-0)
The goal of this course is to introduce the student to the mathematical modeling of classical physical systems such as vibrating systems, diffusive processes and steady state phenomena. The course starts with a rigorous introduction of the first-order and linear second-order partial differential equations (PDEs) followed by elements of Fourier analysis. The method of characteristics is used to find and interpret classes of solutions for the above models. The lab component will familiarize the student with formal and numerical manipulations of PDE's. The main scope of the lab is to enable the student to visualize and discuss solutions for classical models for PDE's.
Prerequisites: Minimum grades of C- in MATH 310 and MATH 330.

MATH 495
Special Topics in Mathematics
3 Credits Weekly (3-0-1)
This course examines an advanced topic of specialization in mathematics. The instructor chooses the topic in any given semester. Students can take this course up to three times, provided the course topic is different.
Prerequisites: A minimum grade of B- in a 300-level MATH (p. 771) *course and consent of the department.*

MATH 498
Advanced Independent Study in Mathematics
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic from mathematics in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

MATH 499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor, registered students explore a specific topic in depth through research or directed reading. The student plans, executes, and reports the results of their independent research or study project under the direction of a faculty supervisor in a written Honours Thesis with oral defense. Note: This course is intended for students in the final year of their degree and is open only to students in the Mathematics Honours program.
Prerequisites: Consent of the Department.

Minors - Bachelor of Arts

Arts Minors for Bachelor of Arts

Anthropology

The Anthropology Minor requires 18 senior-level ANTH, AEPS, or URBW credits. A minimum of nine credits **must be in ANTH** at the 300- or 400-level, including ANTH 399. Junior-level ANTH 101 is required in addition to the 18 senior-level credits. Students may choose up to 3 credits of AEPS or URBW to fulfill the Peoples requirement.

Code	Title	Credits
Specific Minor Requirements		
ANTH 399	Ecological Perspectives in Anthropology	3
Choose 6 credits from the following:		6
ANTH 206	Introduction to Archaeology	
ANTH 207	Introduction to Social and Cultural Anthropology	
ANTH 208	Introduction to Linguistic Anthropology	
ANTH 209	Introduction to Biological Anthropology	
Choose 3 credits from the following:		3
ANTH 245	Ethnography of Mediterranean Peoples	
ANTH 246	Circumpolar Peoples	
ANTH 250	Introduction to Indigenous Peoples in Canada	
ANTH 261	Peoples and Cultures of Mesoamerica	
ANTH 262	Peoples and Cultures of South America	
Any URBW or AEPS course		
General Minor Requirements		
Choose 6 credits from 300- and 400- level ANTH		6
Total Credits		**18**

Classics

Art, culture, history, literature, religion – the ancient Greek and Roman cultures still influence many aspects of modern life, and studying Classics helps to discover and explore those connections. As students learn about some of history's greatest poets, philosophers, and historians, they develop skills in critical thought, oral and written expression, and argumentation and have the opportunity to read some of their works in the original Greek and Latin languages.

Their ideas, texts, and principles may be thousands of years old, but the Greeks and Romans provided us with a foundation for many current fields of endeavour, including business, history, philosophy, social sciences, law, medicine, and the Romance languages.

The Classics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level in CLAS, LATN, or GREK (CLAS 355 does not satisfy this requirement).

Code	Title	Credits
Specific Minor Requirements		
CLAS 270	Greek Civilization	3
CLAS 271	Roman Civilization	3
General Minor Requirements		
Choose 12 credits from senior-level CLAS, LATN, or GREK [1]		12
Total Credits		**18**

1

Students may use PHIL 230, with permission, to fulfil this requirement.

Creative Writing

Fiction, creative non-fiction, poetry, script writing — whatever students like to write, they can develop skills, practice the craft of writing and experience the joy of creativity with the creative writing minor.

In this minor, students develop and strengthen their writing style by examining the relationship between form and content, the theory and practice of composition, and the processes of revision. In workshops, they test their perceptions against the great writers of the past and present and those of fellow students. Students emerge with tools to express ideas in creative, captivating ways.

The Creative Writing Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Six credits of junior-level ENGL are required for this minor (not including ENGL 111, ENGL 108, or ENGL 211).

Note: Courses cannot be used to fulfil the requirements of both the Creative Writing minor and the English major, Honours, or minor.

Code	Title	Credits
Specific Minor Requirements		
CRWR 295	The Craft of Writing	3
General Minor Requirements		
Choose 15 credits from 300- or 400-level CRWR.		15
Total Credits		**18**

Economics

The Economics Minor requires 18 senior-level ECON credits. A minimum of six credits must be completed at the 300- or 400-level; ECON 401 does not satisfy this requirement. Junior-level ECON 101 and ECON 102 are required.

Code	Title	Credits
Specific Minor Requirements		
ECON 281	Intermediate Microeconomics	3
ECON 282	Intermediate Macroeconomics	3
Choose 3 credits from the following:		3
ECON 290	Economics at Work: Reasoning and Writing in Economics	
ECON 319	Contemporary Canadian Economic Issues	
General Minor Requirements		
Choose 9 credits from senior-level ECON		9
Total Credits		**18**

English

The English Minor requires 18 senior-level credits with a minimum of 12 credits at the 300- or 400- level and a maximum of three credits from CRWR. Junior-level ENGL 102 and one of ENGL 103, ENGL 104, or ENGL 105 are required. ENGL 211 cannot be used to fulfill the requirements of the English Minor.

Code	Title	Credits
Specific Minor Requirements		
Choose 3 credits from the following:		3
ENGL 319	Earlier Medieval English Literature	
ENGL 320	Later Middle English Literature	
ENGL 324	Chaucer	
ENGL 336	Studies in Shakespeare	
ENGL 337	English Renaissance Literature	
ENGL 340	Studies in 17th Century English Literature	
ENGL 341	Augustan Literature	
ENGL 342	Topics in the Literature of the Long Eighteenth Century	
ENGL 348	Milton	
ENGL 491	Early and Later Middle English	
ENGL 492	Elizabethan/17th Century Literature	
ENGL 493	Restoration/Eighteenth Century Literature	
General Minor Requirements		
Choose 15 credits from senior-level ENGL or CRWR		15
Total Credits		**18**

Film Studies

Code	Title	Credits
Specific Minor Requirements		
ENGL 288	Introduction to Film Narrative	3
or BCSC 205	Introduction to Film Studies and Narrative	
Choose 15 credits from the following: [1]		15
BCSC 206	Introduction to Audio and Video	
BCSC 207	Documentary Film Principles and Practices	
BCSC 223	Introduction to Screenwriting	
BCSC 303	Popular Culture and Film Studies: Film Noir	
BCSC 305	Popular Culture and Film Studies: Science Fiction	
BCSC 328	Documentary Screenwriting	
CLAS 200	Classics and Film: Classical Reception in the Cinema	
ENGL 386	Studies in Screen Narrative	
ENGL 387	Studies in Film Adaptation	
ENGL 388	Topics in Film Studies	
MUSC 416	Scoring for Film and Other Visual Media	
PHIL 383	Philosophy of Film	
SPAN 322	Contemporary Spanish and Latin American Films	
SPAN 350	Magical Realism, Subversion and Sexuality in Hispanic Films and Literature	
Total Credits		**18**

1

Year to year different topics courses may be permitted for use towards the 15-credit requirement. These courses include: BCSC 426, CRWR 404, ENGL 219, ENGL 364, ENGL 368, ENGL 382, ENGL 391, ENGL 398, ENGL 401, ENGL 402, ENGL 489, ENGL 498, MUSC 424, and MUSC 427. Please refer to the Film Minor webpage for more information.

French

Whether learning French for the first time or building on existing skills and knowledge, studying French helps students engage with an increasingly culturally and economically interconnected world. Knowledge of an additional language improves critical thinking skills and broadens one's appreciation of the world and its people. A French minor is invaluable to anyone heading into a graduate school program with a second-language requirement or seeking work in the federal public service.

The French Minor is 18 senior-level credits with a minimum of six FREN credits at the 300-level.

Students must register in a level that is appropriate to their ability. Please refer to the French Placement information on the Humanities Department website.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level FREN		18
Total Credits		**18**

Gender Studies

Gender studies explores how history, colonialism, the media, and other social institutions create and normalize gendered and sexual identities. Students study how gender, sexuality, and their intersections link to big issues of our time, including poverty, violence, health, and social inequality.

The Gender Studies Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400- level.

To ensure the interdisciplinarity of the program, students would not be allowed to fulfill minor requirements with more than two courses from within one discipline or three GEND courses.

Code	Title	Credits
Specific Minor Requirements		
GEND 219	Feminist Theories and Foundations	3
GEND 319	Indigenous and Postcolonial Feminisms	3
Choose 12 credits from the following:		12
ANTH 210	Gender, Age and Culture	
ANTH 308	Language, Gender, and Sexuality	
ANTH 320	Archaeology of Gender	
CLAS 261	Women in the Ancient World	
ECON 220	The Economics of Gender	
ENGL 218	Reading Gender	
ENGL 368	Topics in Race and Gender	
GEND 398	Independent Study	
GEND 419	Special Topics in Gender Studies	
GEND 498	Advanced Independent Study	
HIST 292	Women's History	
HLST 210	Human Sexuality	
INTD 230	Working with Sexual and Gender Minority Children and Youth	
PHIL 333	Philosophy of Sex and Sexuality	
PSYC 370	Human Sexuality	
SOCI 301	Sociology of Gender and Sexuality	
SOCI 430	Gender, Crime, and Social Justice	
SOWK 433	Social Work Practice with Gender and Sexual Diversity	
Total Credits		**18**

History

The History Minor requires 18 senior-level credits with a minimum of nine credits at the 300- or 400-level.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level HIST with a minimum of 9 credits at the 300- or 400-level. Students can also use CLAS 210, CLAS 314, and/or CLAS 315 to fulfill the minor requirements.		18
Total Credits		**18**

Philosophy

The Philosophy Minor requires 18 senior-level PHIL credits, with a minimum of six credits at the 300 level and three credits at the 400 level.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PHIL		18
Total Credits		**18**

Political Science

The Political Science Minor requires 18 senior-level POLS, AEPS, or URBW credits. This must include a minimum of nine credits at the 200-level and a minimum of nine credits at the 300- or 400-level, with a maximum of three credits in AEPS or URBW. POLS 221 and POLS 261 cannot be used to meet the minor requirements. Junior-level POLS 101 is not part of the Political Science Minor but may be a prerequisite for required minor courses. Note that 300- or 400-level courses in POLS often require multiple 200-level prerequisites.

Code	Title	Credits
Minor Requirements		
Choose 9 credits from 200-level POLS, and 9 credits from 300- or 400-level POLS. Students can substitute 3 credits of 300- or 400-level AEPS or URBW for POLS.		18
Total Credits		**18**

Psychology

Total credits required for minor - 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400- level. PSYC 439 does not satisfy this requirement. Junior-level PSYC 104 and PSYC 105 are required.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PSYC		18
Total Credits		**18**

Sociology

The Sociology Minor requires 18 senior-level SOCI credits with a minimum of nine credits at the 300- or 400-level. SOCI 496, SOCI 497, and SOCI 498 can be taken up to two times each, but cannot be used in combination more than two times to fulfill the minimum requirements of the Sociology minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level SOCI		18
Total Credits		**18**

Spanish

Learning Spanish can help you stand out at home as well as abroad. Students who study another language simultaneously expand their English vocabulary, grammar and style. They become better communicators which translates to higher salaries. According to a recent study by Canadian economists, bilingual employees earn more than their unilingual counterparts even if they aren't using their language skills on the job. Of course, it is not all about work and money.

Learning Spanish will also open doors to a rich world of culture. Imagine having access to the original works of Cervantes, Gabriel García Márquez, Jorge Luís Borges and Pablo Neruda. Imagine enjoying the art of Pablo Picasso, Frida Kahlo, or Diego Rivera, and having an understanding of the

cultural setting in which it was created. Picture yourself traveling in Latin America or Spain and actually being able to communicate with the locals. Whatever your reasons, learning Spanish will expand your horizons.

The Spanish Minor requires 18 senior-level credits with a minimum of six SPAN credits at the 300-level.

Students must register in a level that is appropriate to their ability. Please refer to the Spanish Placement information on the Humanities Department website.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level SPAN		18
Total Credits		**18**

Science Minors for Bachelor of Arts

Biological Sciences

The Biological Sciences Minor requires 18 senior-level biological sciences credits (BICM, BIOL, BOTN, GENE, or ZOOL) with a minimum of six credits at the 300- or 400-level.

Note: Junior-level BIOL 107 and BIOL 108 are required. Both BIOL 207 and BIOL 208 may be taken for credit.

Code	Title	Credits
Specific Minor Requirements		
BIOL 207	Principles of Genetics	3
or BIOL 208	Principles of Ecology	
General Minor Requirements		
Choose 15 credits from senior-level biological sciences - BICM, BIOL, BOTN, GENE, and ZOOL		15
Total Credits		**18**

Chemistry

The Chemistry Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level. A maximum of three credits in PHSC may be used.

Note: CHEM 101 and CHEM 102 are required for this minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level CHEM; a maximum of 3 credits in PHSC may be used		18
Total Credits		**18**

Computer Science

The Computer Science Minor requires 18 senior-level CMPT credits with a minimum of six credits at the 300- or 400-level, excluding CMPT 310 and CMPT 311.
Notes:

- Students can use DESN 240 or DESN 242 in place of CMPT 250 in the Computer Science Minor.

Code	Title	Credits
Specific Minor Requirements		
CMPT 200	Data Structures and Algorithms	3
Choose 3 credits from the following:		3
CMPT 201	Practical Programming Methodology	
CMPT 204	Algorithms I	
CMPT 229	Computer Organization and Architecture	
CMPT 291	Introduction to File and Database Management	
General Minor Requirements		
Choose 12 credits from senior-level CMPT		12
Total Credits		**18**

Earth and Planetary Sciences

Earth and Planetary Sciences is an interdisciplinary minor where students use chemistry, physics, and biology to gain a deeper understanding of the Earth, its hydrosphere, and the solar system. Students learn about geology, mineralogy, soil science, and water-rock interactions. They also use the latest technology and equipment to understand what's happening billions of miles away.

The Earth and Planetary Science Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Note: EASC 101 and EASC 102 are required for this minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level EASC; a maximum of 3 credits in PHSC courses may be used		18
Total Credits		**18**

Environmental Sciences

The Environmental Sciences Minor requires 18 credits (six courses) with a minimum of six credits (two courses) at the 300- or 400-level. Students are limited to a maximum of three courses from within one discipline to fulfill minor requirements. The requirement to take courses from different disciplines helps ensure the program's interdisciplinary nature.

Code	Title	Credits
BIOL 208	Principles of Ecology	3
EASC 221	Introduction to Geographic Information Systems	3
ENVS 300	Principles of Environmental Science	3
Choose 9 credits (3 courses) from the following with no more than 6 credits (2 courses) in any one discipline (BIOL, CHEM, EASC, or ENVS)		9
BIOL 310	Freshwater Ecology	
BIOL 312	Terrestrial Ecology	
BIOL 314	Population Ecology	
BIOL 316	Community Ecology	
BIOL 361	Marine Biology	
BIOL 365	Tropical Rainforest Ecology	
BIOL 367	Conservation Biology	
BIOL 410	Techniques in Field Ecology	
BIOL 414	Invasion Ecology and Management	
BIOL 422	Methods in Experimental Ecology	
BIOL 467	Advanced Conservation Biology	
BIOL 477	Contemporary Issues in Freshwater Ecology	
CHEM 320	Introduction to Geochemistry [1]	
CHEM 322	Introduction to Biogeochemistry [2]	
CHEM 372	Environmental Chemistry	

CHEM 472	Advanced Environmental Chemistry
CHEM 474	Environmental Analytical Chemistry
CHEM 484	Sustainable and Green Chemistry
EASC 225	Introduction to Geomorphology
EASC 226	Introduction to Soil Science
EASC 238	Geology of Natural Resources
EASC 271	The Oceans
EASC 320	Introduction to Geochemistry [1]
EASC 322	Introduction to Biogeochemistry [2]
EASC 334	Remote Sensing
EASC 373	Anthropogenic Climate Change
EASC 375	Paleoclimatology
ENVS 398	Independent Study
ENVS 492	Environmental Sciences Work Integrated Learning
ENVS 495	Special Topics in Environmental Sciences
ENVS 498	Advanced Independent Study
Total Credits	**18**

1

Credit can only be obtained in one of CHEM 320 (https://calendar.macewan.ca/search/?P=CHEM%20320) or EASC 320 (https://calendar.macewan.ca/search/?P=EASC%20320)

2

Credit can only be obtained in one of CHEM 322 (https://calendar.macewan.ca/search/?P=CHEM%20320) or EASC 322 (https://calendar.macewan.ca/search/?P=EASC%20320).

Mathematics

The Mathematics Minor requires 18 senior-level MATH credits with a minimum of six credits at the 300- or 400-level.

Note: Junior-level required courses MATH 114, MATH 115, and one of MATH 120 or MATH 125.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level MATH. Students can also use STAT 265, STAT 266, STAT 312 and/or STAT 412 to fulfill the minor requirements.		18
Total Credits		**18**

Physics

Physics answers questions about the physical world, from the smallest particles to day-to-day life activities to stars, galaxies, and the universe. In the physics minor, students learn about the unifying interconnections among the vast number of seemingly diverse phenomena observed in the physical world. Aspiring astronomers can catch a falling star through a robotic telescope or explore how theoretical physics can be applied to practical creations, like sensors or organ simulators. Students develop critical thinking and problem-solving skills and understand physics is about observation and reasoning, not just about learning facts.

The Physics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Notes:

1. PHYS 124 and PHYS 126, or PHYS 144 and PHYS 146, are required for this minor.
2. MATH 114 or MATH 115 is a prerequisite for most 300-level and higher PHYS courses. Students considering future enrollment in 300-level or higher PHYS courses are strongly encouraged to take MATH 114 (or MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirements.

Code	Title	Credits
Specific Minor Requirements		
Choose 6 credits from the following:		6
PHYS 200	Introduction to Relativity	
PHYS 208	Quantum Aspects of Physics	
PHYS 224	Fluids and Heat	
PHYS 244	Mechanics	
General Minor Requirements		
Choose 12 credits from senior-level PHYS. Students can also use a maximum of 3 credits in PHSC.		12
Total Credits		**18**

Planetary Physics

Planetary Physics is an interdisciplinary field of study, where students apply simple physical laws to understand how planetary systems are formed and evolve, investigate the technologies we use to explore our own and distant solar systems, and work with professors doing out-of-this-world research into meteorites, Mars and more. Students will learn how the ways that geologic systems behave on Earth provide insights into how they behave on other planets.

The Planetary Physics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

EASC 398, EASC 495, EASC 498, PHYS 398, PHYS 495, or PHYS 498 can be used to fulfill this requirement if the topic is relevant to planetary physics.

MATH 114 or MATH 115 is a prerequisite for most 300-level and higher PHYS courses. Students considering future enrollment in 300-level or higher PHYS courses are strongly encouraged to take MATH 114 (or MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirements.

Code	Title	Credits
Specific Minor Requirements		
EASC 206	Geology of the Solar System	3
PHYS 226	Optics and Sound Waves	3
PHYS 242	Physics of Planetary Exploration	3
PHYS 252	Physics of the Earth	3
Choose 6 credits from the following:		6
EASC 334	Remote Sensing	
EASC 406	Planetary Materials	
PHYS 324	Origins of Planetary Systems	
Total Credits		**18**

Psychology

Total credits required for minor - 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400- level. PSYC 439 does not satisfy this requirement. Junior-level PSYC 104 and PSYC 105 are required.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PSYC		18
Total Credits		**18**

Statistics

The Statistics Minor requires a minimum of 18 senior-level credits with a minimum six credits at the 300- or 400-level.

Junior-level required courses MATH 114 and MATH 115 are required. STAT 151 and either MATH 120 or MATH 125 are recommended.

Code	Title	Credits
Specific Minor Requirements		
STAT 265	Probability Theory I	3
STAT 266	Mathematical Statistics	3
General Minor Requirements		
Choose 12 credits chosen from senior-level STAT		12
Total Credits		**18**

Out of Faculty Minors for Bachelor of Arts

Accounting

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Students must complete prerequisite courses ECON 101, one of STAT 151 or STAT 161, and potentially STAT 252 depending on the chosen electives.

Code	Title	Credits
Specific Minor Requirements		
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
FNCE 301	Introductory Finance	3
Choose 9 credits from the following:		9
ACCT 315	Intermediate Financial Accounting I	
ACCT 316	Intermediate Financial Accounting II	
ACCT 324	Intermediate Management Accounting	
ACCT 328	Income Tax Fundamentals	
ACCT 330	Introduction to Data Analytics in Accounting	
ACCT 366	Government and Not-for-Profit Accounting	
ACCT 410	Financial Accounting - Advanced	
ACCT 428	Advanced Corporate Taxation	
ACCT 430	Accounting Information and Systems Support	
ACCT 442	Auditing	
ACCT 450	Data Analytics Applied to Accounting	
Total Credits		**18**

Arts and Cultural Management

Total credits required for minor: 18 senior-level credits

Junior-level AGAD 100 is required and can be used to fulfill the Fine Arts breadth requirement of the Bachelor of Arts and a junior-level option for the Bachelor of Science. AGAD 100 will count as an out-of-faculty option for those who have not declared Arts and Cultural Management as a minor, or as an Arts and Science option if they declare the minor.

Code	Title	Credits
Specific Minor Requirements		**Credits**
AGAD 203	Introduction to Project Management in Arts and Culture	3
AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 301	Cultural Policy and Advocacy	3
AGAD 320	Leadership Seminar	3
Choose 6 credits from senior-level AGAD		6
Total Credits		**18**

Business Law

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Note: The Business Law minor is a competitive minor. Students must complete or be enrolled in LEGL 210 by the Winter term to be considered for this minor. There are 10 seats available in the Business Law minor each year. Students will submit their declaration by January 15. Students who apply will be ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level coursework, without breaking up a term. Applicants with the 10 highest GPAs will be admitted to the program. Students will be notified of the success or denial of their application to the Business Law minor no later than February 1.

Code	Title	Credits
Specific Minor Requirements		
LEGL 210	Business Law I	3
LEGL 315	Business Law II	3
General Minor Requirements		
Choose 12 credits from senior-level LEGL		12
Total Credits		**18**

Business Studies

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Note: It is highly recommended that students complete BUSN 201 during the second year of their program.

Code	Title	Credits
Specific Minor Requirements		
ACCT 311	Introductory Accounting	3
BUSN 201	Introduction to Sustainable Business	3
Choose 12 credits (four courses) from any courses in ACCT, BUSN, FNCE, HRMT, INSR, INTB, LEGL, MARK, MGTS, ORGA, PMGT, SCMT. Only 6 credits (two courses) can be completed from any discipline.		12
Total Credits		**18**

Digital Experience Design

Total credits required for minor: 18 senior-level credits.

Students may use CMPT 250 in place of DESN 242.

Note: The Digital Experience Design minor is a competitive minor. Students must complete or be enrolled in DESN 242 or CMPT 250 by the Winter term to be considered for this minor. There are 10 seats available in the Digital Experience Design Minor each year. Students submit their declaration by January 15 each year and are ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term. Applicants with the 10 highest GPAs will be admitted to the program, and notified of the success or denial of their application to the Digital Experience Design minor, no later than February 1.

Code	Title	Credits
Specific Minor Requirements		**Credits**
DESN 242	Introduction to Digital Experience Design for Non-Designers	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 344	Interaction Design I	3
DESN 442	Information Architecture	3
Choose 6 credits from the following:		6
DESN 340	Web Design & Development I	
DESN 440	Web Design & Development II	
DESN 444	Interaction Design II	
DESN 445	Service Design	
Total Credits		**18**

Finance

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Students must complete prerequisite courses ECON 101 and either STAT 151 or STAT 161.

Code	Title	Credits
Specific Minor Requirements		
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
FNCE 301	Introductory Finance	3
Complete 9 credits (3 courses) from any FNCE course		9
Total Credits		**18**

Human Resources Management

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Code	Title	Credits
Specific Minor Requirements		
HRMT 200	Management of Human Resources	3
General Minor Requirements		
Choose 15 credits from senior-level HRMT		15
Total Credits		**18**

Marketing

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300 or 400- level.

Code	Title	Credits
Specific Minor Requirements		
BUSN 201	Introduction to Sustainable Business	3
MARK 301	Fundamentals of Marketing	3
General Minor Requirements		
Choose 12 credits from senior-level MARK		12
Total Credits		**18**

Accounting Minor

For Bachelor of Arts and Bachelor of Science

Good accounting supports good decision making. With this minor, students learn how financial information is generated, how it is processed and what it means. Explore concepts such as taxation, auditing and assurance and develop the knowledge and professional judgement needed to gather, analyze and communicate financial information.

Accounting is a crucial aspect of every business and organization. A minor in this discipline sets students on a career path with promise in the private, public or non-profit sector.

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Students must complete prerequisite courses ECON 101, one of STAT 151 or STAT 161, and potentially STAT 252 depending on the chosen electives.

Code	Title	Credits
Specific Minor Requirements		
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
FNCE 301	Introductory Finance	3
Choose 9 credits from the following:		9
ACCT 315	Intermediate Financial Accounting I	
ACCT 316	Intermediate Financial Accounting II	
ACCT 324	Intermediate Management Accounting	
ACCT 328	Income Tax Fundamentals	
ACCT 330	Introduction to Data Analytics in Accounting	
ACCT 366	Government and Not-for-Profit Accounting	
ACCT 410	Financial Accounting - Advanced	
ACCT 428	Advanced Corporate Taxation	
ACCT 430	Accounting Information and Systems Support	
ACCT 442	Auditing	
ACCT 450	Data Analytics Applied to Accounting	
Total Credits		**18**

Arts and Cultural Management

Bachelor of Arts and Bachelor of Science

The Arts and Cultural Management (AACM) minor offers students the opportunity to develop an awareness of the depth and breadth of the cultural sector and to begin to develop some of the managerial

competencies necessary should they wish to pursue employment, volunteer or governance related opportunities in the field. The business and entrepreneurial skills learned in the Arts and Cultural Management courses are essential for anyone interested in the arts, heritage or creative industries. To meet the requirements for the minor, students will complete a foundational course (AGAD 100), which will be used to fulfill the Fine Arts Breadth Requirement of the BA, and then choose 18 senior-level credits from among ten existing courses including subjects such as publicity, leadership, project management, cultural policy, museum/gallery management and independent study/study tours.

Total credits required for minor: 18 senior-level credits

Junior-level AGAD 100 is required and can be used to fulfill the Fine Arts breadth requirement of the Bachelor of Arts and a junior-level option for the Bachelor of Science. AGAD 100 will count as an out-of-faculty option for those who have not declared Arts and Cultural Management as a minor, or as an Arts and Science option if they declare the minor.

Code	Title	Credits
Specific Minor Requirements		**Credits**
AGAD 203	Introduction to Project Management in Arts and Culture	3
AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 301	Cultural Policy and Advocacy	3
AGAD 320	Leadership Seminar	3
Choose 6 credits from senior-level AGAD		6
Total Credits		**18**

Business Law Minor

For Bachelor of Arts and Bachelor of Science

Studies in business law offer a perspective on a range of legal issues as well as the theories of law—including ethical aspects of the origins, content, and enforcement of laws. In this minor, students learn to identify and analyze legal problems, consult and apply legal resources, formulate legitimate and ethical responses and strategies, and communicate those results coherently.

This minor complements other disciplines—particularly political science, philosophy, sociology, psychology, economics, and the natural sciences—and prepares students for future professional activities (such as law) and for graduate studies. Outside the required courses for the minor, students can customize their legal studies to emphasize competencies that are relevant to their own interests.

Total credits required for minor - 18 senior-level credits.

A minimum of six credits must be completed at the 300 or 400-level.

Note: The Business Law minor is a competitive minor. Students must complete or be enrolled in LEGL 210 by the Winter term to be considered for this minor. There are 10 seats available in the Business Law minor each year. Students will submit their declaration by January 15. Students who apply will be ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level coursework, without breaking up a term. Applicants with the 10 highest GPAs will be admitted to the program. Students will be notified of the success or denial of their application to the Business Law minor no later than February 1st.

Specific Minor Requirements

LEGL 210	Business Law I	3
LEGL 315	Business Law II	3
Choose 12 credits (four courses) from senior-level LEGL courses		12
Total Credits		**18**

Business Studies Minor

For Bachelor of Arts and Bachelor of Science

With this minor, students will be able to interpret and analyze basic financial statements. They will also gain the basic knowledge of the main business disciplines, describe the challenge of entrepreneurship and small business management, and gain more knowledge in some business disciplines of their choice,

Total Credits Required for Minor - 18 senior-level credit.

A minimum of six credits must be completed at the 300 or 400-level.

Note: It is highly recommended that students complete BUSN201 during the second year of their program.

Specific Minor Requirements

ACCT 311	Introductory Accounting	3
BUSN 201	Introduction to Sustainable Business	3
Choose 12 credits (four courses) from any courses in ACCT, BUSN, FNCE, HRMT, INSR, INTB, LEGL, MARK, MGTS, ORGA, PMGT, SCMT.		12
Total Credits		**18**

Note: Only six credits (two courses) can be completed from any discipline.

Classics Minor

For Bachelor of Arts and Bachelor of Science

Art, culture, history, literature, religion – the ancient Greek and Roman cultures still influence many aspects of modern life, and studying Classics helps to discover and explore those connections. As students learn about some of history's greatest poets, philosophers, and historians, they develop skills in critical thought, oral and written expression, and argumentation and have the opportunity to read some of their works in the original Greek and Latin languages.

Their ideas, texts, and principles may be thousands of years old, but the Greeks and Romans provided us with a foundation for many current fields of endeavour, including business, history, philosophy, social sciences, law, medicine, and the Romance languages.

The Classics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level in CLAS, LATN, or GREK (CLAS 355 does not satisfy this requirement).

Code	Title	Credits
Specific Minor Requirements		
CLAS 270	Greek Civilization	3
CLAS 271	Roman Civilization	3

General Minor Requirements	
Choose 12 credits from senior-level CLAS, LATN, or GREK [1]	12
Total Credits	**18**

1

Students may use PHIL 230, with permission, to fulfil this requirement.

Creative Writing Minor

For Bachelor of Arts and Bachelor of Science

Fiction, creative non-fiction, poetry, script writing — whatever students like to write, they can develop skills, practice the craft of writing and experience the joy of creativity with the creative writing minor.

In this minor, students develop and strengthen their writing style by examining the relationship between form and content, the theory and practice of composition, and the processes of revision. In workshops, they test their perceptions against the great writers of the past and present and those of fellow students. Students emerge with tools to express ideas in creative, captivating ways.

The Creative Writing Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Six credits of junior-level ENGL are required for this minor (not including ENGL 111, ENGL 108, or ENGL 211).

Note: Courses cannot be used to fulfil the requirements of both the Creative Writing minor and the English major, Honours, or minor.

Code	Title	Credits
Specific Minor Requirements		
CRWR 295	The Craft of Writing	3
General Minor Requirements		
Choose 15 credits from 300- or 400-level CRWR.		15
Total Credits		**18**

Digital Experience Design

For Bachelor of Arts and Bachelor of Science

Total credits required for minor: 18 senior-level credits.

Students may use CMPT 250 in place of DESN 242.

Note: The Digital Experience Design minor is a competitive minor. Students must complete or be enrolled in DESN 242 or CMPT 250 by the Winter term to be considered for this minor. There are 10 seats available in the Digital Experience Design Minor each year. Students submit their declaration by January 15 each year and are ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term. Applicants with the 10 highest GPAs will be admitted to the program, and notified of the success or denial of their application to the Digital Experience Design minor, no later than February 1.

Code	Title	Credits
Specific Minor Requirements		**Credits**
DESN 242	Introduction to Digital Experience Design for Non-Designers	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 344	Interaction Design I	3
DESN 442	Information Architecture	3
Choose 6 credits from the following:		6
DESN 340	Web Design & Development I	
DESN 440	Web Design & Development II	
DESN 444	Interaction Design II	
DESN 445	Service Design	
Total Credits		**18**

Earth and Planetary Sciences Minor

For Bachelor of Arts and Bachelor of Science

Earth and Planetary Sciences is an interdisciplinary minor where students use chemistry, physics, and biology to gain a deeper understanding of the Earth, its hydrosphere, and the solar system. Students learn about geology, mineralogy, soil science, and water-rock interactions. They also use the latest technology and equipment to understand what's happening billions of miles away.

The Earth and Planetary Science Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Note: EASC 101 and EASC 102 are required for this minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level EASC; a maximum of 3 credits in PHSC courses may be used		18
Total Credits		**18**

Environmental Sciences Minor

For Bachelor of Arts and Bachelor of Science

The Environmental Sciences Minor is an interdisciplinary minor that integrates the subjects of Biological Sciences, Chemistry, and Earth and Planetary Sciences. The minor requires courses in the foundations of environmental sciences, the principles of ecology, and geographic information systems (GIS). Students also choose from a selection of courses that cover topics in environmental science like aquatic ecosystems, ecology, environmental chemistry, and geosciences.

The Environmental Sciences Minor requires 18 credits (six courses) with a minimum of six credits (two courses) at the 300- or 400-level. Students are limited to a maximum of three courses from within one discipline to fulfill minor requirements. The requirement to take courses from different disciplines helps ensure the program's interdisciplinary nature.

Code	Title	Credits
BIOL 208	Principles of Ecology	3
EASC 221	Introduction to Geographic Information Systems	3
ENVS 300	Principles of Environmental Science	3
Choose 9 credits (3 courses) from the following with no more than 6 credits (2 courses) in any one discipline (BIOL, CHEM, EASC, or ENVS)		9
BIOL 310	Freshwater Ecology	
BIOL 312	Terrestrial Ecology	
BIOL 314	Population Ecology	
BIOL 316	Community Ecology	
BIOL 361	Marine Biology	
BIOL 365	Tropical Rainforest Ecology	
BIOL 367	Conservation Biology	
BIOL 410	Techniques in Field Ecology	
BIOL 414	Invasion Ecology and Management	
BIOL 422	Methods in Experimental Ecology	
BIOL 467	Advanced Conservation Biology	
BIOL 477	Contemporary Issues in Freshwater Ecology	
CHEM 320	Introduction to Geochemistry [1]	
CHEM 322	Introduction to Biogeochemistry [2]	
CHEM 372	Environmental Chemistry	
CHEM 472	Advanced Environmental Chemistry	
CHEM 474	Environmental Analytical Chemistry	
CHEM 484	Sustainable and Green Chemistry	
EASC 225	Introduction to Geomorphology	
EASC 226	Introduction to Soil Science	
EASC 238	Geology of Natural Resources	
EASC 271	The Oceans	
EASC 320	Introduction to Geochemistry [1]	
EASC 322	Introduction to Biogeochemistry [2]	
EASC 334	Remote Sensing	
EASC 373	Anthropogenic Climate Change	
EASC 375	Paleoclimatology	
ENVS 398	Independent Study	
ENVS 492	Environmental Sciences Work Integrated Learning	
ENVS 495	Special Topics in Environmental Sciences	
ENVS 498	Advanced Independent Study	
Total Credits		**18**

1

Credit can only be obtained in one of CHEM 320 (https://calendar.macewan.ca/search/?P=CHEM%20320) or EASC 320 (https://calendar.macewan.ca/search/?P=EASC%20320)

2

Credit can only be obtained in one of CHEM 322 (https://calendar.macewan.ca/search/?P=CHEM%20320) or EASC 322 (https://calendar.macewan.ca/search/?P=EASC%20320).

Film Minor

For Bachelor of Arts and Bachelor of Science

Over the past century, film has stood as one of the most significant influences on culture, often straddling an uncertain divide between popular entertainment and elite artistic and philosophical expression. Given the importance of film to 20th and 21st-century world culture, this minor provides post-secondary students an opportunity to investigate its significant cultural and philosophical impact.

The Film minor is an interdisciplinary and interfaculty minor that draws from courses from the Faculty of Fine Arts and Communications and the Faculty of Arts and Science, offering students a range of film courses taught by experts in filmmaking and film analysis from a variety of departments. MacEwan students will study film from a broad perspective, discovering and sustaining a strong scholarly focus while working alongside qualified faculty members, and be afforded personal learning experiences that foster a distinctly global perspective. Students will come away with a rich understanding of film that is theoretical, practical, historical, critical, aesthetic, and cultural.

The Film minor requires 18 credits with a minimum of 6 credits at the 300- or 400-level.

Code	Title	Credits
Specific Minor Requirements		
ENGL 288	Introduction to Film Narrative	3
or BCSC 205	Introduction to Film Studies and Narrative	
Choose 15 credits from the following: [1]		15
BCSC 206	Introduction to Audio and Video	
BCSC 207	Documentary Film Principles and Practices	
BCSC 223	Introduction to Screenwriting	
BCSC 303	Popular Culture and Film Studies: Film Noir	
BCSC 305	Popular Culture and Film Studies: Science Fiction	
BCSC 328	Documentary Screenwriting	
CLAS 200	Classics and Film: Classical Reception in the Cinema	
ENGL 386	Studies in Screen Narrative	
ENGL 387	Studies in Film Adaptation	
ENGL 388	Topics in Film Studies	
MUSC 416	Scoring for Film and Other Visual Media	
PHIL 383	Philosophy of Film	
SPAN 322	Contemporary Spanish and Latin American Films	
SPAN 350	Magical Realism, Subversion and Sexuality in Hispanic Films and Literature	
Total Credits		**18**

1

Year to year different topics courses may be permitted for use towards the 15-credit requirement. These courses include: BCSC 426, CRWR 404, ENGL 219, ENGL 364, ENGL 368, ENGL 382, ENGL 391, ENGL 398, ENGL 401, ENGL 402, ENGL 489, ENGL 498, MUSC 424, and MUSC 427. Please refer to the Film Minor webpage for more information.

Finance Minor

For Bachelor of Arts and Bachelor of Science

Total Credits Required for Minor - 18 senior-level credits

A minimum of six credits must be completed at the 300 or 400-level. Students must complete prerequisite courses ECON101 and either STAT151 or STAT161.

Specific Minor Requirements

ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
FNCE 301	Introductory Finance	3
Choose 9 credits (three courses) from any FNCE courses		9
Total Credits		**18**

French Minor

For Bachelor of Arts and Bachelor of Science

Whether learning French for the first time or building on existing skills and knowledge, studying French helps students engage with an increasingly culturally and economically interconnected world. Knowledge of an additional language improves critical thinking skills and broadens one's appreciation of the world and its people. A French minor is invaluable to anyone heading into a graduate school program with a second-language requirement or seeking work in the federal public service.

The French Minor is 18 senior-level credits with a minimum of six FREN credits at the 300-level.

Students must register in a level that is appropriate to their ability. Please refer to the French Placement information on the Humanities Department website.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level FREN		18
Total Credits		**18**

Gender Studies Minor

For Bachelor of Arts and Bachelor of Science

Gender studies explores how history, colonialism, the media, and other social institutions create and normalize gendered and sexual identities. Students study how gender, sexuality, and their intersections link to big issues of our time, including poverty, violence, health, and social inequality.

The Gender Studies Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400- level.

To ensure the interdisciplinarity of the program, students would not be allowed to fulfill minor requirements with more than two courses from within one discipline or three GEND courses.

Code	Title	Credits
Specific Minor Requirements		
GEND 219	Feminist Theories and Foundations	3
GEND 319	Indigenous and Postcolonial Feminisms	3
Choose 12 credits from the following:		12
ANTH 210	Gender, Age and Culture	
ANTH 308	Language, Gender, and Sexuality	
ANTH 320	Archaeology of Gender	
CLAS 261	Women in the Ancient World	
ECON 220	The Economics of Gender	
ENGL 218	Reading Gender	
ENGL 368	Topics in Race and Gender	
GEND 398	Independent Study	
GEND 419	Special Topics in Gender Studies	
GEND 498	Advanced Independent Study	
HIST 292	Women's History	
HLST 210	Human Sexuality	
INTD 230	Working with Sexual and Gender Minority Children and Youth	
PHIL 333	Philosophy of Sex and Sexuality	
PSYC 370	Human Sexuality	
SOCI 301	Sociology of Gender and Sexuality	
SOCI 430	Gender, Crime, and Social Justice	
SOWK 433	Social Work Practice with Gender and Sexual Diversity	
Total Credits		**18**

Gender Studies Program Learning Outcomes

1. Differentiate historical and contemporary issues relating to gender.
2. Demonstrate the ways in which gender inequality intersects with other forms of social marginalization including but not limited to sexuality, race, class, and ability.
3. Explain how gender is shaped, enabled, and constrained by wider social forces.
4. Outline the work of key thinkers and theorists in the discipline.
5. Analyze the ways in which gender and sexuality are linked.

Human Resources Management Minor

For Bachelor of Arts and Bachelor of Science

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Code	Title	Credits
Specific Minor Requirements		
HRMT 200	Management of Human Resources	3
General Minor Requirements		

Choose 15 credits from senior-level HRMT	15
Total Credits	**18**

Marketing Minor

For Bachelor of Arts and Bachelor of Science

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300 or 400- level.

Code	Title	Credits
Specific Minor Requirements		
BUSN 201	Introduction to Sustainable Business	3
MARK 301	Fundamentals of Marketing	3
General Minor Requirements		
Choose 12 credits from senior-level MARK		12
Total Credits		**18**

Physics Minor

For Bachelor of Arts and Bachelor of Science

Physics answers questions about the physical world, from the smallest particles to day-to-day life activities to stars, galaxies, and the universe. In the physics minor, students learn about the unifying interconnections among the vast number of seemingly diverse phenomena observed in the physical world. Aspiring astronomers can catch a falling star through a robotic telescope or explore how theoretical physics can be applied to practical creations, like sensors or organ simulators. Students develop critical thinking and problem-solving skills and understand physics is about observation and reasoning, not just about learning facts.

The Physics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Notes:

1. PHYS 124 and PHYS 126, or PHYS 144 and PHYS 146, are required for this minor.
2. MATH 114 or MATH 115 is a prerequisite for most 300-level and higher PHYS courses. Students considering future enrollment in 300-level or higher PHYS courses are strongly encouraged to take MATH 114 (or MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirements.

Code	Title	Credits
Specific Minor Requirements		
Choose 6 credits from the following:		6
PHYS 200	Introduction to Relativity	
PHYS 208	Quantum Aspects of Physics	
PHYS 224	Fluids and Heat	
PHYS 244	Mechanics	
General Minor Requirements		
Choose 12 credits from senior-level PHYS. Students can also use a maximum of 3 credits in PHSC.		12
Total Credits		**18**

Planetary Physics Minor

For Bachelor of Arts or Bachelor of Science

Planetary Physics is an interdisciplinary field of study, where students apply simple physical laws to understand how planetary systems are formed and evolve, investigate the technologies we use to explore our own and distant solar systems, and work with professors doing out-of-this-world research into meteorites, Mars and more. Students will learn how the ways that geologic systems behave on Earth provide insights into how they behave on other planets.

The Planetary Physics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

EASC 398, EASC 495, EASC 498, PHYS 398, PHYS 495, or PHYS 498 can be used to fulfill this requirement if the topic is relevant to planetary physics.

MATH 114 or MATH 115 is a prerequisite for most 300-level and higher PHYS courses. Students considering future enrollment in 300-level or higher PHYS courses are strongly encouraged to take MATH 114 (or MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirements.

Code	Title	Credits
Specific Minor Requirements		
EASC 206	Geology of the Solar System	3
PHYS 226	Optics and Sound Waves	3
PHYS 242	Physics of Planetary Exploration	3
PHYS 252	Physics of the Earth	3
Choose 6 credits from the following:		6
EASC 334	Remote Sensing	
EASC 406	Planetary Materials	
PHYS 324	Origins of Planetary Systems	
Total Credits		**18**

Spanish Minor

For Bachelor of Arts or Bachelor of Science

Learning Spanish can help you stand out at home as well as abroad. Students who study another language simultaneously expand their English vocabulary, grammar and style. They become better communicators which translates to higher salaries. According to a recent study by Canadian economists, bilingual employees earn more than their unilingual counterparts even if they aren't using their language skills on the job. Of course, it is not all about work and money.

Learning Spanish will also open doors to a rich world of culture. Imagine having access to the original works of Cervantes, Gabriel García Márquez, Jorge Luís Borges and Pablo Neruda. Imagine enjoying the art of Pablo Picasso, Frida Kahlo, or Diego Rivera, and having an understanding of the cultural setting in which it was created. Picture yourself traveling in Latin

America or Spain and actually being able to communicate with the locals. Whatever your reasons, learning Spanish will expand your horizons.

The Spanish Minor requires 18 senior-level credits with a minimum of six SPAN credits at the 300-level.

Students must register in a level that is appropriate to their ability. Please refer to the Spanish Placement information on the Humanities Department website.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level SPAN		18
Total Credits		**18**

Minors - Bachelor of Science

Arts Minors for Bachelor of Science

Anthropology

The Anthropology Minor requires 18 senior-level ANTH, AEPS, or URBW credits. A minimum of nine credits **must be in ANTH** at the 300- or 400-level, including ANTH 399. Junior-level ANTH 101 is required in addition to the 18 senior-level credits. Students may choose up to 3 credits of AEPS or URBW to fulfill the Peoples requirement.

Code	Title	Credits
Specific Minor Requirements		
ANTH 399	Ecological Perspectives in Anthropology	3
Choose 6 credits from the following:		6
ANTH 206	Introduction to Archaeology	
ANTH 207	Introduction to Social and Cultural Anthropology	
ANTH 208	Introduction to Linguistic Anthropology	
ANTH 209	Introduction to Biological Anthropology	
Choose 3 credits from the following:		3
ANTH 245	Ethnography of Mediterranean Peoples	
ANTH 246	Circumpolar Peoples	
ANTH 250	Introduction to Indigenous Peoples in Canada	
ANTH 261	Peoples and Cultures of Mesoamerica	
ANTH 262	Peoples and Cultures of South America	
Any URBW or AEPS course		
General Minor Requirements		
Choose 6 credits from 300- and 400- level ANTH		6
Total Credits		**18**

Classics

Art, culture, history, literature, religion – the ancient Greek and Roman cultures still influence many aspects of modern life, and studying Classics helps to discover and explore those connections. As students learn about some of history's greatest poets, philosophers, and historians, they develop skills in critical thought, oral and written expression, and argumentation and have the opportunity to read some of their works in the original Greek and Latin languages.

Their ideas, texts, and principles may be thousands of years old, but the Greeks and Romans provided us with a foundation for many current fields of endeavour, including business, history, philosophy, social sciences, law, medicine, and the Romance languages.

The Classics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level in CLAS, LATN, or GREK (CLAS 355 does not satisfy this requirement).

Code	Title	Credits
Specific Minor Requirements		
CLAS 270	Greek Civilization	3
CLAS 271	Roman Civilization	3
General Minor Requirements		
Choose 12 credits from senior-level CLAS, LATN, or GREK [1]		12
Total Credits		**18**

[1] Students may use PHIL 230, with permission, to fulfil this requirement.

Creative Writing

Fiction, creative non-fiction, poetry, script writing — whatever students like to write, they can develop skills, practice the craft of writing and experience the joy of creativity with the creative writing minor.

In this minor, students develop and strengthen their writing style by examining the relationship between form and content, the theory and practice of composition, and the processes of revision. In workshops, they test their perceptions against the great writers of the past and present and those of fellow students. Students emerge with tools to express ideas in creative, captivating ways.

The Creative Writing Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Six credits of junior-level ENGL are required for this minor (not including ENGL 111, ENGL 108, or ENGL 211).

Note: Courses cannot be used to fulfil the requirements of both the Creative Writing minor and the English major, Honours, or minor.

Code	Title	Credits
Specific Minor Requirements		
CRWR 295	The Craft of Writing	3
General Minor Requirements		
Choose 15 credits from 300- or 400-level CRWR.		15
Total Credits		**18**

Economics

The Economics Minor requires 18 senior-level ECON credits. A minimum of six credits must be completed at the 300- or 400-level; ECON 401 does not satisfy this requirement. Junior-level ECON 101 and ECON 102 are required.

Code	Title	Credits
Specific Minor Requirements		
ECON 281	Intermediate Microeconomics	3
ECON 282	Intermediate Macroeconomics	3
Choose 3 credits from the following:		3
ECON 290	Economics at Work: Reasoning and Writing in Economics	
ECON 319	Contemporary Canadian Economic Issues	
General Minor Requirements		

Choose 9 credits from senior-level ECON	9
Total Credits	**18**

English

The English Minor requires 18 senior-level credits with a minimum of 12 credits at the 300- or 400- level and a maximum of three credits from CRWR. Junior-level ENGL 102 and one of ENGL 103, ENGL 104, or ENGL 105 are required. ENGL 211 cannot be used to fulfill the requirements of the English Minor.

Code	Title	Credits
Specific Minor Requirements		
Choose 3 credits from the following:		3
ENGL 319	Earlier Medieval English Literature	
ENGL 320	Later Middle English Literature	
ENGL 324	Chaucer	
ENGL 336	Studies in Shakespeare	
ENGL 337	English Renaissance Literature	
ENGL 340	Studies in 17th Century English Literature	
ENGL 341	Augustan Literature	
ENGL 342	Topics in the Literature of the Long Eighteenth Century	
ENGL 348	Milton	
ENGL 491	Early and Later Middle English	
ENGL 492	Elizabethan/17th Century Literature	
ENGL 493	Restoration/Eighteenth Century Literature	
General Minor Requirements		
Choose 15 credits from senior-level ENGL or CRWR		15
Total Credits		**18**

Film Studies

Code	Title	Credits
Specific Minor Requirements		
ENGL 288	Introduction to Film Narrative	3
or BCSC 205	Introduction to Film Studies and Narrative	
Choose 15 credits from the following: [1]		15
BCSC 206	Introduction to Audio and Video	
BCSC 207	Documentary Film Principles and Practices	
BCSC 223	Introduction to Screenwriting	
BCSC 303	Popular Culture and Film Studies: Film Noir	
BCSC 305	Popular Culture and Film Studies: Science Fiction	
BCSC 328	Documentary Screenwriting	
CLAS 200	Classics and Film: Classical Reception in the Cinema	
ENGL 386	Studies in Screen Narrative	
ENGL 387	Studies in Film Adaptation	
ENGL 388	Topics in Film Studies	
MUSC 416	Scoring for Film and Other Visual Media	
PHIL 383	Philosophy of Film	
SPAN 322	Contemporary Spanish and Latin American Films	
SPAN 350	Magical Realism, Subversion and Sexuality in Hispanic Films and Literature	
Total Credits		**18**

1

Year to year different topics courses may be permitted for use towards the 15-credit requirement. These courses include: BCSC 426, CRWR 404, ENGL 219, ENGL 364, ENGL 368, ENGL 382, ENGL 391, ENGL 398, ENGL 401, ENGL 402, ENGL 489, ENGL 498, MUSC 424, and MUSC 427. Please refer to the Film Minor webpage for more information.

French

Whether learning French for the first time or building on existing skills and knowledge, studying French helps students engage with an increasingly culturally and economically interconnected world. Knowledge of an additional language improves critical thinking skills and broadens one's appreciation of the world and its people. A French minor is invaluable to anyone heading into a graduate school program with a second-language requirement or seeking work in the federal public service.

The French Minor is 18 senior-level credits with a minimum of six FREN credits at the 300-level.

Students must register in a level that is appropriate to their ability. Please refer to the French Placement information on the Humanities Department website.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level FREN		18
Total Credits		**18**

Gender Studies

Gender studies explores how history, colonialism, the media, and other social institutions create and normalize gendered and sexual identities. Students study how gender, sexuality, and their intersections link to big issues of our time, including poverty, violence, health, and social inequality.

The Gender Studies Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400- level.

To ensure the interdisciplinarity of the program, students would not be allowed to fulfill minor requirements with more than two courses from within one discipline or three GEND courses.

Code	Title	Credits
Specific Minor Requirements		
GEND 219	Feminist Theories and Foundations	3
GEND 319	Indigenous and Postcolonial Feminisms	3
Choose 12 credits from the following:		12
ANTH 210	Gender, Age and Culture	
ANTH 308	Language, Gender, and Sexuality	
ANTH 320	Archaeology of Gender	
CLAS 261	Women in the Ancient World	
ECON 220	The Economics of Gender	
ENGL 218	Reading Gender	
ENGL 368	Topics in Race and Gender	
GEND 398	Independent Study	
GEND 419	Special Topics in Gender Studies	
GEND 498	Advanced Independent Study	
HIST 292	Women's History	

HLST 210	Human Sexuality
INTD 230	Working with Sexual and Gender Minority Children and Youth
PHIL 333	Philosophy of Sex and Sexuality
PSYC 370	Human Sexuality
SOCI 301	Sociology of Gender and Sexuality
SOCI 430	Gender, Crime, and Social Justice
SOWK 433	Social Work Practice with Gender and Sexual Diversity
Total Credits	**18**

History

The History Minor requires 18 senior-level credits with a minimum of nine credits at the 300- or 400-level.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level HIST with a minimum of 9 credits at the 300- or 400-level. Students can also use CLAS 210, CLAS 314, and/or CLAS 315 to fulfill the minor requirements.		18
Total Credits		**18**

Philosophy

The Philosophy Minor requires 18 senior-level PHIL credits, with a minimum of six credits at the 300 level and three credits at the 400 level.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PHIL		18
Total Credits		**18**

Political Science

The Political Science Minor requires 18 senior-level POLS, AEPS, or URBW credits. This must include a minimum of nine credits at the 200-level and a minimum of nine credits at the 300- or 400-level, with a maximum of three credits in AEPS or URBW. POLS 221 and POLS 261 cannot be used to meet the minor requirements. Junior-level POLS 101 is not part of the Political Science Minor but may be a prerequisite for required minor courses. Note that 300- or 400-level courses in POLS often require multiple 200-level prerequisites.

Code	Title	Credits
Minor Requirements		
Choose 9 credits from 200-level POLS, and 9 credits from 300- or 400-level POLS. Students can substitute 3 credits of 300- or 400-level AEPS or URBW for POLS.		18
Total Credits		**18**

Psychology

Total credits required for minor - 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400- level. PSYC 439 does not satisfy this requirement. Junior-level PSYC 104 and PSYC 105 are required.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PSYC		18
Total Credits		**18**

Sociology

The Sociology Minor requires 18 senior-level SOCI credits with a minimum of nine credits at the 300- or 400-level. SOCI 496, SOCI 497, and SOCI 498 can be taken up to two times each, but cannot be used in combination more than two times to fulfill the minimum requirements of the Sociology minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level SOCI		18
Total Credits		**18**

Spanish

Learning Spanish can help you stand out at home as well as abroad. Students who study another language simultaneously expand their English vocabulary, grammar and style. They become better communicators which translates to higher salaries. According to a recent study by Canadian economists, bilingual employees earn more than their unilingual counterparts even if they aren't using their language skills on the job. Of course, it is not all about work and money.

Learning Spanish will also open doors to a rich world of culture. Imagine having access to the original works of Cervantes, Gabriel García Márquez, Jorge Luís Borges and Pablo Neruda. Imagine enjoying the art of Pablo Picasso, Frida Kahlo, or Diego Rivera, and having an understanding of the cultural setting in which it was created. Picture yourself traveling in Latin America or Spain and actually being able to communicate with the locals. Whatever your reasons, learning Spanish will expand your horizons.

The Spanish Minor requires 18 senior-level credits with a minimum of six SPAN credits at the 300-level.

Students must register in a level that is appropriate to their ability. Please refer to the Spanish Placement information on the Humanities Department website.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level SPAN		18
Total Credits		**18**

Science Minors for Bachelor of Science

Biological Sciences

The Biological Sciences Minor requires 18 senior-level biological sciences credits (BICM, BIOL, BOTN, GENE, or ZOOL) with a minimum of six credits at the 300- or 400-level.

Note: Junior-level BIOL 107 and BIOL 108 are required. Both BIOL 207 and BIOL 208 may be taken for credit.

Code	Title	Credits
Specific Minor Requirements		
BIOL 207	Principles of Genetics	3
or BIOL 208	Principles of Ecology	

General Minor Requirements	
Choose 15 credits from senior-level biological sciences - BICM, BIOL, BOTN, GENE, and ZOOL	15
Total Credits	**18**

Chemistry

The Chemistry Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level. A maximum of three credits in PHSC may be used.

Note: CHEM 101 and CHEM 102 are required for this minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level CHEM; a maximum of 3 credits in PHSC may be used		18
Total Credits		**18**

Computer Science

The Computer Science Minor requires 18 senior-level CMPT credits with a minimum of six credits at the 300- or 400-level, excluding CMPT 310 and CMPT 311.
Notes:

- Students can use DESN 240 or DESN 242 in place of CMPT 250 in the Computer Science Minor.

Code	Title	Credits
Specific Minor Requirements		
CMPT 200	Data Structures and Algorithms	3
Choose 3 credits from the following:		3
CMPT 201	Practical Programming Methodology	
CMPT 204	Algorithms I	
CMPT 229	Computer Organization and Architecture	
CMPT 291	Introduction to File and Database Management	
General Minor Requirements		
Choose 12 credits from senior-level CMPT		12
Total Credits		**18**

Earth and Planetary Sciences

Earth and Planetary Sciences is an interdisciplinary minor where students use chemistry, physics, and biology to gain a deeper understanding of the Earth, its hydrosphere, and the solar system. Students learn about geology, mineralogy, soil science, and water-rock interactions. They also use the latest technology and equipment to understand what's happening billions of miles away.

The Earth and Planetary Science Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Note: EASC 101 and EASC 102 are required for this minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level EASC; a maximum of 3 credits in PHSC courses may be used		18
Total Credits		**18**

Environmental Sciences

The Environmental Sciences Minor requires 18 credits (six courses) with a minimum of six credits (two courses) at the 300- or 400-level. Students are limited to a maximum of three courses from within one discipline to fulfill minor requirements. The requirement to take courses from different disciplines helps ensure the program's interdisciplinary nature.

Code	Title	Credits
BIOL 208	Principles of Ecology	3
EASC 221	Introduction to Geographic Information Systems	3
ENVS 300	Principles of Environmental Science	3
Choose 9 credits (3 courses) from the following with no more than 6 credits (2 courses) in any one discipline (BIOL, CHEM, EASC, or ENVS)		9
BIOL 310	Freshwater Ecology	
BIOL 312	Terrestrial Ecology	
BIOL 314	Population Ecology	
BIOL 316	Community Ecology	
BIOL 361	Marine Biology	
BIOL 365	Tropical Rainforest Ecology	
BIOL 367	Conservation Biology	
BIOL 410	Techniques in Field Ecology	
BIOL 414	Invasion Ecology and Management	
BIOL 422	Methods in Experimental Ecology	
BIOL 467	Advanced Conservation Biology	
BIOL 477	Contemporary Issues in Freshwater Ecology	
CHEM 320	Introduction to Geochemistry [1]	
CHEM 322	Introduction to Biogeochemistry [2]	
CHEM 372	Environmental Chemistry	
CHEM 472	Advanced Environmental Chemistry	
CHEM 474	Environmental Analytical Chemistry	
CHEM 484	Sustainable and Green Chemistry	
EASC 225	Introduction to Geomorphology	
EASC 226	Introduction to Soil Science	
EASC 238	Geology of Natural Resources	
EASC 271	The Oceans	
EASC 320	Introduction to Geochemistry [1]	
EASC 322	Introduction to Biogeochemistry [2]	
EASC 334	Remote Sensing	
EASC 373	Anthropogenic Climate Change	
EASC 375	Paleoclimatology	
ENVS 398	Independent Study	
ENVS 492	Environmental Sciences Work Integrated Learning	
ENVS 495	Special Topics in Environmental Sciences	
ENVS 498	Advanced Independent Study	
Total Credits		**18**

1

Credit can only be obtained in one of CHEM 320 (https://calendar.macewan.ca/search/?P=CHEM%20320) or EASC 320 (https://calendar.macewan.ca/search/?P=EASC%20320)

2

Credit can only be obtained in one of CHEM 322 (https://calendar.macewan.ca/search/?P=CHEM%20320) or EASC 322 (https://calendar.macewan.ca/search/?P=EASC%20320).

Mathematics

The Mathematics Minor requires 18 senior-level MATH credits with a minimum of six credits at the 300- or 400-level.

Note: Junior-level required courses MATH 114, MATH 115, and one of MATH 120 or MATH 125.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level MATH. Students can also use STAT 265, STAT 266, STAT 312 and/or STAT 412 to fulfill the minor requirements.		18
Total Credits		**18**

Physics

Physics answers questions about the physical world, from the smallest particles to day-to-day life activities to stars, galaxies, and the universe. In the physics minor, students learn about the unifying interconnections among the vast number of seemingly diverse phenomena observed in the physical world. Aspiring astronomers can catch a falling star through a robotic telescope or explore how theoretical physics can be applied to practical creations, like sensors or organ simulators. Students develop critical thinking and problem-solving skills and understand physics is about observation and reasoning, not just about learning facts.

The Physics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

Notes:

1. PHYS 124 and PHYS 126, or PHYS 144 and PHYS 146, are required for this minor.
2. MATH 114 or MATH 115 is a prerequisite for most 300-level and higher PHYS courses. Students considering future enrollment in 300-level or higher PHYS courses are strongly encouraged to take MATH 114 (or MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirements.

Code	Title	Credits
Specific Minor Requirements		
Choose 6 credits from the following:		6
PHYS 200	Introduction to Relativity	
PHYS 208	Quantum Aspects of Physics	
PHYS 224	Fluids and Heat	
PHYS 244	Mechanics	
General Minor Requirements		
Choose 12 credits from senior-level PHYS. Students can also use a maximum of 3 credits in PHSC.		12
Total Credits		**18**

Planetary Physics

Planetary Physics is an interdisciplinary field of study, where students apply simple physical laws to understand how planetary systems are formed and evolve, investigate the technologies we use to explore our own and distant solar systems, and work with professors doing out-of-this-world research into meteorites, Mars and more. Students will learn how the ways that geologic systems behave on Earth provide insights into how they behave on other planets.

The Planetary Physics Minor requires 18 senior-level credits with a minimum of six credits at the 300- or 400-level.

EASC 398, EASC 495, EASC 498, PHYS 398, PHYS 495, or PHYS 498 can be used to fulfill this requirement if the topic is relevant to planetary physics.

MATH 114 or MATH 115 is a prerequisite for most 300-level and higher PHYS courses. Students considering future enrollment in 300-level or higher PHYS courses are strongly encouraged to take MATH 114 (or MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirements.

Code	Title	Credits
Specific Minor Requirements		
EASC 206	Geology of the Solar System	3
PHYS 226	Optics and Sound Waves	3
PHYS 242	Physics of Planetary Exploration	3
PHYS 252	Physics of the Earth	3
Choose 6 credits from the following:		6
EASC 334	Remote Sensing	
EASC 406	Planetary Materials	
PHYS 324	Origins of Planetary Systems	
Total Credits		**18**

Psychology

Total credits required for minor - 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400- level. PSYC 439 does not satisfy this requirement. Junior-level PSYC 104 and PSYC 105 are required.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PSYC		18
Total Credits		**18**

Statistics

The Statistics Minor requires a minimum of 18 senior-level credits with a minimum six credits at the 300- or 400-level.

Junior-level required courses MATH 114 and MATH 115 are required. STAT 151 and either MATH 120 or MATH 125 are recommended.

Code	Title	Credits
Specific Minor Requirements		
STAT 265	Probability Theory I	3
STAT 266	Mathematical Statistics	3
General Minor Requirements		
Choose 12 credits chosen from senior-level STAT		12
Total Credits		**18**

Out of Faculty Minors for Bachelor of Science

Accounting

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Students must complete prerequisite courses ECON 101, one of STAT 151 or STAT 161, and potentially STAT 252 depending on the chosen electives.

Code	Title	Credits
Specific Minor Requirements		
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
FNCE 301	Introductory Finance	3
Choose 9 credits from the following:		9
ACCT 315	Intermediate Financial Accounting I	
ACCT 316	Intermediate Financial Accounting II	
ACCT 324	Intermediate Management Accounting	
ACCT 328	Income Tax Fundamentals	
ACCT 330	Introduction to Data Analytics in Accounting	
ACCT 366	Government and Not-for-Profit Accounting	
ACCT 410	Financial Accounting - Advanced	
ACCT 428	Advanced Corporate Taxation	
ACCT 430	Accounting Information and Systems Support	
ACCT 442	Auditing	
ACCT 450	Data Analytics Applied to Accounting	
Total Credits		**18**

Arts and Cultural Management

Total credits required for minor: 18 senior-level credits

Junior-level AGAD 100 is required and can be used to fulfill the Fine Arts breadth requirement of the Bachelor of Arts and a junior-level option for the Bachelor of Science. AGAD 100 will count as an out-of-faculty option for those who have not declared Arts and Cultural Management as a minor, or as an Arts and Science option if they declare the minor.

Code	Title	Credits
Specific Minor Requirements		**Credits**
AGAD 203	Introduction to Project Management in Arts and Culture	3
AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 301	Cultural Policy and Advocacy	3
AGAD 320	Leadership Seminar	3
Choose 6 credits from senior-level AGAD		6
Total Credits		**18**

Business Law

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Note: The Business Law minor is a competitive minor. Students must complete or be enrolled in LEGL 210 by the Winter term to be considered for this minor. There are 10 seats available in the Business Law minor each year. Students will submit their declaration by January 15. Students who apply will be ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level coursework, without breaking up a term. Applicants with the 10 highest GPAs will be admitted to the program. Students will be notified of the success or denial of their application to the Business Law minor no later than February 1.

Code	Title	Credits
Specific Minor Requirements		
LEGL 210	Business Law I	3
LEGL 315	Business Law II	3
General Minor Requirements		
Choose 12 credits from senior-level LEGL		12
Total Credits		**18**

Business Studies

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Note: It is highly recommended that students complete BUSN 201 during the second year of their program.

Code	Title	Credits
Specific Minor Requirements		
ACCT 311	Introductory Accounting	3
BUSN 201	Introduction to Sustainable Business	3
Choose 12 credits (four courses) from any courses in ACCT, BUSN, FNCE, HRMT, INSR, INTB, LEGL, MARK, MGTS, ORGA, PMGT, SCMT. Only 6 credits (two courses) can be completed from any discipline.		12
Total Credits		**18**

Digital Experience Design

Total credits required for minor: 18 senior-level credits.

Students may use CMPT 250 in place of DESN 242.

Note: The Digital Experience Design minor is a competitive minor. Students must complete or be enrolled in DESN 242 or CMPT 250 by the Winter term to be considered for this minor. There are 10 seats available in the Digital Experience Design Minor each year. Students submit their declaration by January 15 each year and are ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term. Applicants with the 10 highest GPAs will be admitted to the program, and notified of the success or denial of their application to the Digital Experience Design minor, no later than February 1.

Code	Title	Credits
Specific Minor Requirements		**Credits**
DESN 242	Introduction to Digital Experience Design for Non-Designers	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 344	Interaction Design I	3
DESN 442	Information Architecture	3
Choose 6 credits from the following:		6
DESN 340	Web Design & Development I	
DESN 440	Web Design & Development II	
DESN 444	Interaction Design II	
DESN 445	Service Design	
Total Credits		**18**

Finance

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Students must complete prerequisite courses ECON 101 and either STAT 151 or STAT 161.

Code	Title	Credits
Specific Minor Requirements		
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
FNCE 301	Introductory Finance	3
Complete 9 credits (3 courses) from any FNCE course		9
Total Credits		**18**

Human Resources Management

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400-level.

Code	Title	Credits
Specific Minor Requirements		
HRMT 200	Management of Human Resources	3
General Minor Requirements		
Choose 15 credits from senior-level HRMT		15
Total Credits		**18**

Marketing

Total credits required for minor – 18 senior-level credits.

A minimum of six credits must be completed at the 300 or 400- level.

Code	Title	Credits
Specific Minor Requirements		
BUSN 201	Introduction to Sustainable Business	3
MARK 301	Fundamentals of Marketing	3
General Minor Requirements		
Choose 12 credits from senior-level MARK		12
Total Credits		**18**

Minors - Bachelor of Commerce

Commerce Minors for Bachelor of Commerce

Accounting

Minor Requirements - Choose 15 credits (five courses) from this list:

Code	Title	Credits
ACCT 315	Intermediate Financial Accounting I	3
ACCT 316	Intermediate Financial Accounting II	3
ACCT 324	Intermediate Management Accounting	3
ACCT 328	Income Tax Fundamentals	3
ACCT 330	Introduction to Data Analytics in Accounting	3
ACCT 366	Government and Not-for-Profit Accounting	3
ACCT 410	Financial Accounting - Advanced	3
ACCT 412	Financial Accounting Theory	3
ACCT 422	Management Accounting - Advanced	3
ACCT 428	Advanced Corporate Taxation	3
ACCT 430	Accounting Information and Systems Support	3
ACCT 442	Auditing	3
ACCT 450	Data Analytics Applied to Accounting	3

Business Intelligence

Minor Requirements: Complete 15 credits (five courses) from this list:

Code	Title	Credits
MGTS 315	Computational Thinking	3
MGTS 401	Advanced Data Modeling in Business	3
MGTS 417	Knowledge Discovery and Data Mining	3
MGTS 485	Business Intelligence Consulting I	3
MGTS 486	Business Intelligence Consulting II	3
Total Credits		**15**

Finance

Minor Requirements - Choose 15 senior-level credits (5 courses) from this list.

Students must complete prerequisites ACCT322, FNCE301, and MGTS103

Code	Title	Credits
ECON 341	Money and Banking	3
FNCE 303	Personal Finance	3
FNCE 401	New Venture Financing	3
FNCE 404	International Finance	3
FNCE 406	Valuation and Investment Decision	3
FNCE 407	Sustainable Finance	3

Human Resources Management

Minor Requirements - Complete 15 senior-level credits (five courses) from this list:

Code	Title	Credits
HRMT 200	Management of Human Resources	3
Choose 12 credits (four courses) from the following:		12
HRMT 212	Employee Relations	
HRMT 214	Recruitment & Selection	
HRMT 216	Total Compensation Management	
HRMT 312	Labour Relations	
HRMT 315	Health, Safety & Wellness	
HRMT 318	Learning & Development	
HRMT 430	HR Analytics & Program Evaluation	
HRMT 450	Strategic Human Resources Management	
HRMT 497	Special Topics in Human Resource Management	
HRMT 498	Independent Research Study in Human Resource Management	
Total Credits		**15**

Innovation and Entrepreneurship

Minor Requirement: Complete 15 senior-level credits (five courses) from this list:

Code	Title	Credits
ORGA 312	Entrepreneurship	3
ORGA 410	Business Consulting	3

ORGA 412	Business Innovation and Intrapreneurship	3
Choose 6 credits (two courses) from:		6
BUSN 330	Project Management	
FNCE 406	Valuation and Investment Decision	
INTB 413	International Entrepreneurship	
MARK 312	Marketing Research & Analytics	
SCMT 205	Introduction to e-Business	
Total Credits		**15**

International Business

Minor Requirement - Complete 15 senior-level credits (five courses) from this list:

Code	Title	Credits
INTB 300	Introduction to International Business	3
INTB 320	Regional Perspectives of International Business	3
INTB 330	Cross Border Trade Transactions	3
Choose 6 credits (two courses) from this list:		6
Any INTB course or:		
FNCE 404	International Finance	
LEGL 310	Legal Aspects of International Business	
MARK 403	International Marketing	
SCMT 200	Introduction to Global Supply Chain Management	
SCMT 407	Global Sourcing and Logistics	
Total Credits		**15**

Legal Studies in Business

Minor Requirements - Complete 15 senior-level credits (five courses) from this list:

Note: At least three LEGL credits must be at the 400-level.

Code	Title	Credits
LEGL 315	Business Law II	3
Choose 12 credits (four courses) from 300 or 400-level LEGL courses		12
Total Credits		**15**

Management

Minor Requirements - Complete 15 senior-level credits (five courses) from this list:

Code	Title	Credits
Choose 15 credits (five courses) from senior-level ORGA classes		15
Total Credits		**15**

Marketing

Minor Requirements - Complete 15 senior-level credits (5 courses) from this list:

Note: At least three MARK credits must be at the 400-level.

Code	Title	Credits
MARK 310	Consumer Behaviour	3
MARK 312	Marketing Research & Analytics	3
Choose 9 credits (three courses) from 300 or 400-level MARK courses		9
Total Credits		**15**

Property Management

Minor Requirement: Complete 15 senior-level credits (five courses) from this list:

Code	Title	Credits
PMGT 301	Introduction to Property Management	3
PMGT 302	Client Relations for Property Management	3
PMGT 303	Revenue Management	3
PMGT 304	Legal Issues for the Property Manager	3
PMGT 401	Commercial Property Management	3
Total Credits		**15**

Supply Chain Management

Minor Requirements - Complete 15 credits (5 courses) from this list:

Code	Title	Credits
SCMT 200	Introduction to Global Supply Chain Management	3
SCMT 322	Business Logistics Management	3
SCMT 324	Procurement and Supply Management	3
Choose 3 credits (1 course) from the following:		3
SCMT 305	Transportation Management	
SCMT 307	Principles of Quality Management	
SCMT 320	Supply Chain Resource Planning	
Choose 3 credits (1 course) from the following:		3
SCMT 403	Supply Chain Coordination and Risk Management	
SCMT 407	Global Sourcing and Logistics	
Total Credits		**15**

Out of Faculty Minors for Bachelor of Commerce

Anthropology

Students must complete 100-level ANTH prerequisites.

Code	Title	Credits
Minor Requirements		
Select 6 credits from the following:		6
ANTH 206	Introduction to Archaeology	
ANTH 207	Introduction to Social and Cultural Anthropology	
ANTH 208	Introduction to Linguistic Anthropology	
ANTH 209	Introduction to Biological Anthropology	
Select 3 credits from the following:		3
ANTH 245	Ethnography of Mediterranean Peoples	
ANTH 246	Circumpolar Peoples	
ANTH 250	Introduction to Indigenous Peoples in Canada	
ANTH 261	Peoples and Cultures of Mesoamerica	
ANTH 262	Peoples and Cultures of South America	
Select 6 credits of 300 or 400-level ANTH		6
Total Credits		**15**

Digital Experience Design

Total credits required for minor: 15 senior-level credits.

Note: The Digital Experience Design minor is a competitive minor. Students will need to have completed DESN 242 before declaring a Digital Experience Design minor. There are 5 seats available in the Digital Experience Design Minor each year. Students submit their declaration by January 15 each year and are ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term. Applicants with the 5 highest GPAs will be admitted to the program, and notified of the success or denial of their application to the Digital Experience Design minor, no later than February 1.

Code	Title	Credits
Specific Minor Requirements		**Credits**
DESN 242	Introduction to Digital Experience Design for Non-Designers	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 442	Information Architecture	3
Choose 6 credits from the following:		6
DESN 340	Web Design & Development I	
DESN 344	Interaction Design I	
DESN 440	Web Design & Development II	
DESN 444	Interaction Design II	
DESN 445	Service Design	
Total Credits		**15**

Economics

The Economics Minor for the Bachelor of Commerce requires 15 senior-level ECON credits. A minimum of six credits must be completed at the 300- or 400-level; ECON 401 does not satisfy this requirement. Students must complete prerequisites ECON 101 and ECON 102.

Code	Title	Credits
Minor Requirements		
ECON 281	Intermediate Microeconomics	3
ECON 282	Intermediate Macroeconomics	3
Select 9 credits from senior-level ECON		9
Total Credits		**15**

French

A minimum 3 FREN credits must be at the 300-level. FREN 211 **and** FREN 212 **may be used to fulfill the Minor Requirements.**

Code	Title	Credits
Minor Requirements		
Select 15 credits of senior-level FREN		15
Total Credits		**15**

History

A minimum of 6 credits must be at the 300 or 400-level.

Code	Title	Credits
Minor Requirements		
Select 15 credits of senior-level HIST		15
Total Credits		**15**

Journalism

Code	Title	Credits
Specific Minor Requirements		**Credits**
BCSC 201	Foundations of Journalism	3
BCSC 210	Introduction to News Reporting	3
BCSC 322	Interviewing Techniques	3
BCSC 397	Digital News Publishing I	3
Choose 3 credits from the following:		3
BCSC 320	News, Media and Democracy: Understanding Information in the 21st-Century	
BCSC 323	Photojournalism	
BCSC 327	Online News Reporting: Journalism in the Digital Age	
BCSC 424	Reporting on Canadian Politics	
Total Credits		**15**

Students will have some ability to customize their studies in the Journalism minor to emphasize competencies that are relevant to their interests and the discipline. Expected learning outcomes for all graduates choosing the Journalism minor are addressed in the four core courses listed above and expanded upon in the option choices.

Political Science

Students must complete prerequisite POLS 101**. Students should be aware of 300-level prerequisites when selecting 200-level POLS courses.**

Code	Title	Credits
Minor Requirements		
Select 9 credits from 200-level POLS and 6 credits from 300- or 400-level POLS		15
Total Credits		**15**

Psychology

A minimum of 3 credits must be at the 300 or 400-level. Students must complete prerequisites PSYC 104 and PSYC 105.

Code	Title	Credits
Minor Requirements		
Select 12 credits chosen from senior-level PSYC		12
Select 3 credits chosen from 300 or 400-level PSYC		3
Total Credits		**15**

Sociology

A minimum of 3 credits must be at the 300 or 400-level. Students must complete prerequisite SOCI 100.

Code	Title	Credits
Minor Requirements		
Select 12 credits chosen from senior-level SOCI		12
Select 3 credits chosen from 300 or 400-level SOCI		3
Total Credits		**15**

Spanish

A minimum of 3 SPAN credits must be at the 300-level. SPAN 211 **and** SPAN 212 **may be used to fulfill the Minor Requirements.**

Code	Title	Credits
Minor Requirements		
Select 15 credits chosen from senior-level SPAN		15
Total Credits		**15**

Statistics

Students must present required courses STAT 151 or STAT 161, MATH 114, and MATH 115. Students may be required to complete MATH 120 or MATH 125 depending on which 300-level STAT they enrol in.

Code	Title	Credits
Minor Requirements		
STAT 252	Applied Statistics II	3
STAT 265	Probability Theory I	3
STAT 266	Mathematical Statistics	3
Select 3 credits from the following:		3
STAT 370	Applied Time Series Analysis	
STAT 371	Applied Categorical Data Analysis	
STAT 372	Applied Multivariate Statistics and Machine Learning	
STAT 378	Applied Regression Analysis	
Choose 3 credits from 300- or 400-level STAT		3
Total Credits		**15**

Anthropology Minor

For Bachelor of Commerce

What makes us human? Whether it's our past, present, or future, anthropology asks essential questions about human variation, adaptation, and cultural diversity. Learn to recognize and respect human diversity and use your understanding of cultural differences in a globalizing world by exploring topics such as social inequality, material culture, human evolution, language, Indigenous content, and the application of anthropological skills to contemporary human challenges. Gain hands-on experience, conduct research projects, and go into the field. Anthropologists work in a wide variety of careers, including professional archaeology, forensic science, market research, medicine, government, intercultural education, and climate change responses.

Students must complete 100-level ANTH prerequisites.

Code	Title	Credits
Minor Requirements		
Select 6 credits from the following:		6
ANTH 206	Introduction to Archaeology	
ANTH 207	Introduction to Social and Cultural Anthropology	
ANTH 208	Introduction to Linguistic Anthropology	
ANTH 209	Introduction to Biological Anthropology	
Select 3 credits from the following:		3
ANTH 245	Ethnography of Mediterranean Peoples	
ANTH 246	Circumpolar Peoples	
ANTH 250	Introduction to Indigenous Peoples in Canada	
ANTH 261	Peoples and Cultures of Mesoamerica	
ANTH 262	Peoples and Cultures of South America	
Select 6 credits of 300 or 400-level ANTH		6
Total Credits		**15**

Bachelor of Commerce - Accounting Minor

Minor Requirements: Complete 15 credits (5 courses) from this list:

ACCT 315	Intermediate Financial Accounting I	3
ACCT 316	Intermediate Financial Accounting II	3
ACCT 324	Intermediate Management Accounting	3
ACCT 328	Income Tax Fundamentals	3
ACCT 330	Introduction to Data Analytics in Accounting	3
ACCT 366	Government and Not-for-Profit Accounting	3
ACCT 410	Financial Accounting - Advanced	3
ACCT 412	Financial Accounting Theory	3
ACCT 422	Management Accounting - Advanced	3
ACCT 428	Advanced Corporate Taxation	3
ACCT 430	Accounting Information and Systems Support	3
ACCT 442	Auditing	3
ACCT 450	Data Analytics Applied to Accounting	3

Bachelor of Commerce - Business Intelligence Minor

Minor Requirements: Complete 15 credits (five courses) from this list:

MGTS 315	Computational Thinking	3
MGTS 401	Advanced Data Modeling in Business	3
MGTS 417	Knowledge Discovery and Data Mining	3
MGTS 485	Business Intelligence Consulting I	3
MGTS 486	Business Intelligence Consulting II	3

Bachelor of Commerce - International Business Minor

Minor Requirements: Choose 15 credits (five courses) from this list:

INTB 300	Introduction to International Business	3
INTB 320	Regional Perspectives of International Business	3
INTB 330	Cross Border Trade Transactions	3
Choose 6 credits (two courses) from this list:		6
Any INTB course or:		
FNCE 404	International Finance	
LEGL 310	Legal Aspects of International Business	
MARK 403	International Marketing	
SCMT 200	Introduction to Global Supply Chain Management	
SCMT 407	Global Sourcing and Logistics	

Bachelor of Commerce - Legal Studies in Business Minor

Minor Requirements: Choose 15 credits (five courses) from this list:

Note: At least three LEGL credits must be at the 400-level.

LEGL 315	Business Law II	3
Choose 12 credits (four courses) from 300 or 400-level LEGL courses		12

Bachelor of Commerce - Management Minor

Minor Requirements: Choose 15 credits (five courses) from this list:

Choose 15 credits (five courses) from senior-level ORGA classes	15

Bachelor of Commerce - Supply Chain Management Minor

Minor Requirements: Choose 15 credits (five courses) from this list:

SCMT 200	Introduction to Global Supply Chain Management	3
SCMT 322	Business Logistics Management	3
SCMT 324	Procurement and Supply Management	3
Choose 3 credits (1 course) from the following:		3
SCMT 305	Transportation Management	
SCMT 307	Principles of Quality Management	
SCMT 320	Supply Chain Resource Planning	
Choose 3 credits (1 course) from the following:		3
SCMT 403	Supply Chain Coordination and Risk Management	
SCMT 407	Global Sourcing and Logistics	
Total Credits		**15**

Digital Experience Design Minor

For Bachelor of Commerce

Total credits required for minor: 15 senior-level credits.

Note: The Digital Experience Design minor is a competitive minor. Students will need to have completed DESN 242 before declaring a Digital Experience Design minor. There are 5 seats available in the Digital Experience Design Minor each year. Students submit their declaration by January 15 each year and are ranked by their admissions GPA, which is calculated using their most recent 24 credits of university-level course work, without breaking up a term. Applicants with the 5 highest GPAs will be admitted to the program, and notified of the success or denial of their application to the Digital Experience Design minor, no later than February 1.

Code	Title	Credits
Specific Minor Requirements		**Credits**
DESN 242	Introduction to Digital Experience Design for Non-Designers	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 442	Information Architecture	3
Choose 6 credits from the following:		6
DESN 340	Web Design & Development I	
DESN 344	Interaction Design I	
DESN 440	Web Design & Development II	
DESN 444	Interaction Design II	
DESN 445	Service Design	
Total Credits		**15**

Bachelor of Commerce - Marketing Minor

Minor Requirements: Choose 15 credits (five courses) from this list:

Note: At least three MARK credits must be at the 400-level.

MARK 310	Consumer Behaviour	3
MARK 312	Marketing Research & Analytics	3
Choose 9 credits (three courses) from 300 or 400-level MARK courses		9

Economics Minor

For Bachelor of Commerce

Economics is about so much more than just money and wealth – it offers a way of making the best possible use of resources. Study financial markets, governments and policies, growth, environmental issues, inequality, and globalization. Sharpen your critical thinking skills and expand your mind. By the end of your economics degree, you will have a strong grounding in all the economic principles and theories that will help you pursue your occupation or further your education into graduate studies and beyond.

The Economics Minor for the Bachelor of Commerce requires 15 senior-level ECON credits. A minimum of six credits must be completed at the 300- or 400-level; ECON 401 does not satisfy this requirement. Students must complete prerequisites ECON 101 and ECON 102.

Code	Title	Credits
Minor Requirements		
ECON 281	Intermediate Microeconomics	3
ECON 282	Intermediate Macroeconomics	3
Select 9 credits from senior-level ECON		9
Total Credits		**15**

Finance Minor

Minor Requirements: Choose 15 credits (five courses) from this list:

Students must complete prerequisites ACCT322, FNCE301, and MGTS103

ECON 341	Money and Banking	3
FNCE 303	Personal Finance	3
FNCE 401	New Venture Financing	3

FNCE 404	International Finance	3
FNCE 406	Valuation and Investment Decision	3
FNCE 407	Sustainable Finance	3

French Minor

For Bachelor of Commerce

A minimum 3 FREN credits must be at the 300-level. FREN 211 **and** FREN 212 **may be used to fulfill the Minor Requirements.**

Code	Title	Credits
Minor Requirements		
Select 15 credits of senior-level FREN		15
Total Credits		**15**

History Minor

For Bachelor of Commerce

A minimum of 6 credits must be at the 300 or 400-level.

Code	Title	Credits
Minor Requirements		
Select 15 credits of senior-level HIST		15
Total Credits		**15**

Human Resources Management Minor

Minor Requirements: Complete 15 credits (five courses) from this list:

HRMT 200	Management of Human Resources	3
Choose 12 credits (four courses) from the following:		12
HRMT 212	Employee Relations	
HRMT 214	Recruitment & Selection	
HRMT 216	Total Compensation Management	
HRMT 312	Labour Relations	
HRMT 315	Health, Safety & Wellness	
HRMT 318	Learning & Development	
HRMT 430	HR Analytics & Program Evaluation	
HRMT 450	Strategic Human Resources Management	
HRMT 497	Special Topics in Human Resource Management	
HRMT 498	Independent Research Study in Human Resource Management	

Innovation and Entrepreneurship Minor

The Innovation and Entrepreneurship minor prepares students to be active contributors to the economy through improved and new processes, products, and services that result in greater productivity, more jobs, expanded markets, and larger national income and tax base. Students develop the mindset required to think and act effectively in environments where there is uncertainty and ambiguity, and learn skills necessary to identify consumer and stakeholder needs, diagnose business issues, plan and manage projects, and implement organizational change. The curriculum is flexible, allowing students to explore additional interests for investment plans and enterprise valuation, international entrepreneurship, and e-business.

Minor Requirement: Complete 15 credits (five courses) from this list:

ORGA 312	Entrepreneurship	3
ORGA 410	Business Consulting	3
ORGA 412	Business Innovation and Intrapreneurship	3
Choose six credits (two courses) from this list:		
BUSN 330	Project Management	
INTB 413	International Entrepreneurship	
FNCE 406	Valuation and Investment Decision	
MARK 312	Marketing Research & Analytics	
SCMT 205	Introduction to e-Business	

Journalism Minor

For Bachelor of Commerce

Code	Title	Credits
Specific Minor Requirements		**Credits**
BCSC 201	Foundations of Journalism	3
BCSC 210	Introduction to News Reporting	3
BCSC 322	Interviewing Techniques	3
BCSC 397	Digital News Publishing I	3
Choose 3 credits from the following:		3
BCSC 320	News, Media and Democracy: Understanding Information in the 21st-Century	
BCSC 323	Photojournalism	
BCSC 327	Online News Reporting: Journalism in the Digital Age	
BCSC 424	Reporting on Canadian Politics	
Total Credits		**15**

Students will have some ability to customize their studies in the Journalism minor to emphasize competencies that are relevant to their interests and the discipline. Expected learning outcomes for all graduates choosing the Journalism minor are addressed in the four core courses listed above and expanded upon in the option choices.

Political Science Minor

For Bachelor of Commerce

Students must complete prerequisite POLS 101**. Students should be aware of 300-level prerequisites when selecting 200-level POLS courses.**

Code	Title	Credits
Minor Requirements		
Select 9 credits from 200-level POLS and 6 credits from 300- or 400-level POLS		15
Total Credits		**15**

Property Management Minor

Minor Requirements: Complete 15 credits (five courses) from this list:

PMGT 301	Introduction to Property Management	3
PMGT 302	Client Relations for Property Management	3
PMGT 303	Revenue Management	3
PMGT 304	Legal Issues for the Property Manager	3
PMGT 401	Commercial Property Management	3

Psychology Minor

For Bachelor of Commerce

A minimum of 3 credits must be at the 300 or 400-level. Students must complete prerequisites PSYC 104 and PSYC 105.

Code	Title	Credits
Minor Requirements		
Select 12 credits chosen from senior-level PSYC		12
Select 3 credits chosen from 300 or 400-level PSYC		3
Total Credits		**15**

Sociology Minor

For Bachelor of Commerce

A minimum of 3 credits must be at the 300 or 400-level. Students must complete prerequisite SOCI 100.

Code	Title	Credits
Minor Requirements		
Select 12 credits chosen from senior-level SOCI		12
Select 3 credits chosen from 300 or 400-level SOCI		3
Total Credits		**15**

Spanish Minor

For Bachelor of Commerce

A minimum of 3 SPAN credits must be at the 300-level. SPAN 211 **and** SPAN 212 **may be used to fulfill the Minor Requirements.**

Code	Title	Credits
Minor Requirements		
Select 15 credits chosen from senior-level SPAN		15
Total Credits		**15**

Statistics Minor

For Bachelor of Commerce

Students must present required courses STAT 151 or STAT 161, MATH 114, and MATH 115. Students may be required to complete MATH 120 or MATH 125 depending on which 300-level STAT they enrol in.

Code	Title	Credits
Minor Requirements		
STAT 252	Applied Statistics II	3
STAT 265	Probability Theory I	3
STAT 266	Mathematical Statistics	3
Select 3 credits from the following:		3
STAT 370	Applied Time Series Analysis	
STAT 371	Applied Categorical Data Analysis	
STAT 372	Applied Multivariate Statistics and Machine Learning	
STAT 378	Applied Regression Analysis	
Choose 3 credits from 300- or 400-level STAT		3
Total Credits		**15**

Music Theatre Performance – Bachelor of Fine Arts

Overview

MacEwan University is home to one of Canada's leading triple-threat training programs in musical theatre performance. Students train in world-class theatre facilities at Allard Hall alongside peers who share their passion for performance. In the Music Theatre Performance major, students explore their authentic artistic voice in a learning environment that encourages creative risk-taking and celebrates diversity. Students showcase their talents in smash-hit Broadway musicals and cutting-edge contemporary plays for public audiences. By the end of this four-year experience, students will be set up for success with practical skills and professional connections.

Contact Information
musictheatre@macewan.ca

The Bachelor of Fine Arts

Faculty of Fine Arts and Communications
MacEwan.ca/BFA (https://www.macewan.ca/academics/programs/bachelor-of-fine-arts/)

MacEwan University's new Bachelor of Fine Arts (BFA) with four distinct majors—Arts and Cultural Management, Studio Arts, Music Theatre Performance, and Theatre Production—offers students the opportunity to complete a BFA in a distinct discipline while studying closely with students in other complementary fine arts and communications disciplines. The curriculum explores the interdependent and interdisciplinary nature of contemporary art and the diverse spaces within which artists work.

The BFA provides depth in one of four disciplines while also incorporating breadth though multi- and interdisciplinary studies. All students take several interdisciplinary courses, like *The Arts in Culture* and *First Peoples and the Arts* and can also choose from a range of electives in the social sciences and business. This degree responds to the changing needs of the creative and cultural industries and students graduate with practical management skills and a depth of knowledge, skill, and expertise in their chosen discipline.

Degree Requirements

Program Element	Description	Credits
Major Requirements	Students complete between 69 and 102 credits of required courses, depending on their major. All students complete 6 credits of university English (ENGL) and up to 9 credits of Interdisciplinary Studies in the Arts (INTA) courses.	69-102
Interdisciplinary Options	Students complete between 0 and 6 credits of Interdisciplinary Studies in the Arts (INTA) options, depending on their major.	0-6
Program Options	Students complete between 0 and 24 credits of program options, depending on their major.	0-24
Electives	Students complete between 15 and 27 credits of electives, depending on their major.	15-27

Major Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
INTA 210	The Arts in Culture	3
INTA 362	First Peoples and The Arts	3
INTA 414	Making a Career in the Arts	3
THAR 101	Acting I	3
THAR 104	Voice I	3
THAR 110	Dance I	3
THAR 140	Music Theory and Ear Training I	3
THAR 141	Music Theory and Ear Training II	3
THAR 151	Acting II	3
THAR 154	Voice II	3
THAR 160	Dance II	3
THAR 201	Acting III	3
THAR 204	Voice III	3
THAR 240	Music Theory and Ear Training III	3
THAR 241	Music Theory and Ear Training IV	3
THAR 250	Dance III	3
THAR 251	Acting IV	3
THAR 254	Voice IV	3
THAR 260	Dance IV	3
THAR 301	Acting V	3
THAR 304	Voice V	3
THAR 350	Dance V	3
THAR 351	Acting VI	3
THAR 354	Voice VI	3
THAR 360	Dance VI	3
THAR 401	Acting VII	3
THAR 404	Voice VII	1.5
THAR 440	Dance VII	1.5
THAR 450	Performance I	3
THAR 451	Acting VIII	3
THAR 454	Voice VIII	1.5
THAR 460	Performance II	3
THAR 461	Dance VIII	1.5
Choose 3 credits from available AGAD courses		3
Interdisciplinary Options		
Choose 3 credits from available INTA courses		3
Electives		
Choose 15 credits of electives. Students must take a minimum of 6 credits up to a maximum of 9 credits from available AGAD, ARTE, BCSC, DESN, INTA, MUSC, PREL and THPR courses. Music Theatre Performance students are allowed to use 3 credits of THAR 450, 460, 470, 480 or THAR 105 towards the elective requirements.		15
Students must receive 6 credits from any of the following courses:		
THAR 450	Performance I	
or		
THAR 460	Performance II	
or		
THAR 470	Performance III	
or		
THAR 480	Performance IV	
Total Credits		**120**

INTERDISCIPLINARY Options

List of Interdisciplinary Options

INTA 220	Cultural Theory	3
INTA 240	Arts/Practice-Based Research	3
INTA 300	Confluence and Culture	3
INTA 310	The Arts in Urban Regeneration	3
INTA 360	The Arts and Pedagogy	3
INTA 412	Interdisciplinary Arts Project	3
INTA 440	Community Engagement Project	3

Course Substitutions

List of Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
THAR 109	THAR 241
THAR 206	3 credits of electives in AGAD, ARTE, BCSC, DESN, INTA, MUSC, PREL or THPR

Diploma Exit

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
INTA 210	The Arts in Culture	3
THAR 101	Acting I	3
THAR 104	Voice I	3
THAR 110	Dance I	3
THAR 140	Music Theory and Ear Training I	3
THAR 141	Music Theory and Ear Training II	3
THAR 151	Acting II	3
THAR 154	Voice II	3
THAR 160	Dance II	3
THAR 201	Acting III	3
THAR 204	Voice III	3
THAR 240	Music Theory and Ear Training III	3
THAR 241	Music Theory and Ear Training IV	3
THAR 250	Dance III	3
THAR 251	Acting IV	3
THAR 254	Voice IV	3
THAR 260	Dance IV	3
Electives		
Choose 3 credits from available AGAD, ARTE, BCSC, DESN, INTA, MUSC, PREL and THPR courses		3
Total Credits		**60**

Degree Regulations

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and co-requisite requirements for all courses.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level, and courses numbered from 200 to 499 are considered senior level.

Senior-Level Coursework Requirements

A minimum of 72 credits of the total 120 program credits must be at the senior level. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the degree and will not be counted toward fulfillment of graduation requirements.

English, Option and Elective Requirements

Students must review their major area Program of Study to ensure that they are familiar with the major requirements as well as the English, Options and Electives (and required number of senior-level credits) required for successful completion of their degree. Periodic meetings with an Academic Advisor are strongly recommended.

Residency Requirements

Students must complete 50% of the total credit requirements for the BFA at MacEwan University, as governed by Academic Policy Graduation (https://www.macewan.ca/c/policies/graduation.pdf).

Graduation Grade Point Average

Students must achieve and maintain a minimum Graduation Grade Point Average of 2.00 on the 4.00 scale.

Declaring Your Major

Applicants must declare their major when applying to the BFA. A second-choice option may also be declared at that time.

Changing from one Major to another BFA Major

Students who wish to change their major area of study must reapply to the BFA before the next published application deadline and indicate the new major to which they are applying. In order to be considered for a different major, applicants must be able to fulfill the other admission requirements for that major. See the Admission Criteria for more information on specific requirements for each major.

Work Integrated Learning

Work Integrated Learning opportunities are threaded throughout the Bachelor of Fine Arts program and provide students with important skills, creative industry knowledge and practical experience to succeed in their chosen field of study. To learn more about Work Integrated Learning opportunities for a particular major, please see the Program of Study.

Students completing their field placement courses in the Arts and Cultural Management major must comply with the Academic Policy Work Integrated Learning (https://www.macewan.ca/c/policies/work_integrated_learning.pdf). The University will facilitate the assignment of students in work placements; however, students must take responsibility for securing an acceptable placement and must work collaboratively with a university supervisor before and during their placement. Students are required to comply with any employer policies, including, but not limited to: confidentiality, hours of work, intellectual property rights and privacy protection.

Diploma Requirements

Students are eligible for a diploma after the completion of 60 credits as specified by the Program of Study in each major. In the Arts and Cultural Management major, that declaration must occur by the add/drop date at the beginning of their second year of study in order for arrangements to be made for the student to complete their required field placement. Failure to declare this intention will result in a delay in obtaining the diploma.

In the three other majors, declaration must occur by the graduation deadline of the year in which they wish to exit with a diploma.

Learning Outcomes

Bachelor of Fine Arts Learning Outcomes

1. Use creative methodologies and scholarly research in professional practice.
2. Advocate for the arts in a variety of communities.
3. Collaborate with artists and scholars toward the fulfillment of a vision, goal, initiative, or project.
4. Analyze scholarly works in arts and culture.

5. Engage communities through art with respect for cultural and social differences.
6. Communicate effectively and respectfully through a variety of media and in a range of contexts.
7. Employ ethical and sustainable strategies to support a career in the arts.
8. Respond to the ongoing demands of a professional arts practice through continual learning.

Music Theatre Performance Major Learning Outcomes

1. Act, sing, and dance in theatrical performances.
2. Engage audiences through diverse forms of theatrical expression.
3. Employ critical and creative approaches in research and performance.
4. Engage in independent research and collaborative creative practice.
5. Critically evaluate performances.
6. Work collaboratively as a member of a creative team.

Admission Requirements

Applicants must be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

- ELA 30-1 or 75% in ELA 30-2
- Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine or more post-secondary-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university level English with no grade less than C-

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. from a recognized institution:

- A diploma (minimum of 60 credits)

OR

- A minimum of 24 university-level credits

Additional Admission Criteria

To be evaluated through the Program

Studio Arts

Applicants are required to submit a portfolio and a statement of intent to be assessed by a committee of Studio Arts faculty.

Successful applicants will demonstrate in their portfolio:

- Formal skills: aesthetic sensibility, basic understanding of composition, colour, tone, perspective;
- Technical abilities: an interest in working with a variety of mediums and subjects, demonstrating skill, craftsmanship, diversity; and
- Demonstrates experimentation and conceptual engagement

Successful applicants will demonstrate in their statement of intent:

- The ability to express ideas well in writing;
- How this MacEwan University program is aligned with their interests and goals; and
- An interest in learning about the theories and practice of historical and contemporary art.

Music Theatre Performance

Applicants are required to audition and submit a cover letter and resume.

An audition panel will assess:

- Acting abilities (objectives, actions, creative risk-taking);
- Singing abilities (breath, phonation, resonance, range, articulation); and
- Dancing/movement abilities (physicality, gesture, alignment).

The cover letter will include:

- How this MacEwan University program is aligned with the applicant's interests and goals.

The resume should include:

- Previous training;
- Previous performing experience; and
- Special skills (e.g. languages, gymnastics, juggling, etc.)

Theatre Production

Applicants are required to submit a brief statement of intent outlining:

- Why they are interested in the program;
- The career that they are seeking through the completion of the program; and
- A description of the last theatre production they attended.

Applicants offered admission to the Theatre Production major are required to submit current, valid standard first aid certification (including Level C CPR) by the published document deadline.

Nursing - Bachelor of Science in Nursing

Overview

Faculty of Nursing
MacEwan.ca/BScN (http://MacEwan.ca/BScN/)

Consistent with the philosophy of Dr. J.W. Grant MacEwan, MacEwan University's Bachelor of Science in Nursing (BScN) program holds the values of respect, compassion, leadership, scholarship and accountability. The BScN program is designed to prepare graduates who are committed to excellence in professional practice and who contribute to the health and well-being of individuals, families, communities and society. Throughout the program students acquire knowledge, skills and attributes to ready themselves for safe, compassionate, evidence-informed, competent and ethical nursing practice.

MacEwan University's BScN program is a rigorous, four-year program designed to introduce, expand and sequentially integrate knowledge, concepts and theories. Our approach to learning promotes the retention and application of in-depth knowledge and diverse skills. The program is delivered through contextual and experiential learning in classroom, laboratory and practice settings. Theoretical knowledge is attained from the disciplines of nursing, arts, sciences and humanities. Knowledge and competencies for nursing research, education and leadership roles are encompassed within the program. BScN graduates are eligible to write the NCLEX – RN.

Career Potential

The profession of registered nursing offers a highly challenging and deeply rewarding career for dedicated individuals. Registered nurses play a vital role within complex and changing health systems. MacEwan University's BScN graduates attain knowledge, skills, and other professional attributes to practice in diverse settings including tertiary, community and continuing care.

Contact Information

E: nurseinfo@macewan.ca

Program Requirements

Code	Title	Credits
YEAR 1		
HLSC 120	Human Anatomy [1]	3
HLSC 124	Microbiology for Health Professionals [1]	3
HLSC 126	Human Physiology I [1]	3
HLSC 128	Human Physiology II [1]	3
HLST 152	Foundations in Health [1]	3
HLST 154	Professional Communication [1]	3
NURS 170	The Discipline of Nursing [1]	4
NURS 175	Nursing Practice Foundations [1]	5
PSYC 104	Introductory Psychology I [1]	3
PSYC 105	Introductory Psychology II [1]	3
University Level English [1,2]		3
YEAR 2		
HLSC 220	Pharmacotherapeutics for Health Professionals [1]	3
HLSC 222	Pathophysiology Across the Lifespan [1]	3
NURS 252	Health Assessment Across the Lifespan [1]	4
NURS 270	Nursing Care Across the Lifespan [1]	4
NURS 272	Mental Health Nursing [1]	3
NURS 275	Nursing Practice I Across the Lifespan [1]	5
NURS 277	Nursing Practice II Across the Lifespan [1]	5
NURS 279	Nursing Practice Mental Health Nursing [1]	5
STAT 151	Introduction to Applied Statistics [1]	3
YEAR 3		
HLST 354	Healthy Populations [1]	3
NURS 344	Fundamentals of Nursing Research [1]	3
NURS 370	Nursing Care of the Acutely Ill Across the Lifespan [1]	4
NURS 372	Nursing Care of Families with Young Children [1]	4
NURS 375	Nursing Practice: Nursing Care of Acutely Ill Across the Lifespan [1]	5
NURS 377	Nursing Practice: Nursing in the Community [1]	5
NURS 379	Nursing Practice: Nursing Care of Families throughout Childhood [1]	5
Open Elective - University Level Elective [1]		3
YEAR 4		
NURS 472	Leadership in Nursing [1]	3
NURS 474	Future Directions in Nursing [1]	3
NURS 479	Nursing Practice: Professional Roles Influencing Care [1]	5
NURS 489	Nursing Practice: Preceptorship [1]	9
PHIL 386	Philosophy and Health Care [1]	3
Senior Elective [1]		3
Senior Nursing Elective [1]		3
Total Credits		**132**

1

The minimum passing grade for this course is a C-.

2

Excluding ENGL 111

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
HLSC 122	HLSC 126 & HLSC 128
HLST 159	HLST 152
NURS 105	HLSC 120
NURS 108	HLSC 126 & HLSC 128
NURS 118 & NURS 228	HLSC 126 & HLSC 128
PEDS 100	HLSC 120
PEDS 101	HLSC 126
PEDS 102	HLSC 126 & HLSC 128
PEDS 103	HLSC 128
PHSL 162	HLSC 126 & HLSC 128

Program Regulations

Program Time Limit - Exemption

A student in the Bachelor of Science in Nursing degree has six years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (Program Time Limits policy).

Students are strongly encouraged to seek advice from a faculty or university advisor about program planning for completing degree requirements at MacEwan University.

English Requirement

A three-credit university-level English course at the 100, 200, 300, or 400 level is required as a prerequisite for Year 2; completion of ENGL 102 is recommended. ENGL 111, Communications, cannot be used to meet the English course requirement for the BScN.

Elective and Philosophy Requirements

The Open Elective, Senior Elective, Senior NURS Elective and PHIL 386 are required as prerequisites for program completion. The Open Elective (100 to 400 level) and Senior Elective (200 to 400 level) are university-level theory courses excluding subject code NURS that extend knowledge within an area of interest. The Open Elective may also be chosen to satisfy a prerequisite requirement for a senior elective. The Senior Nursing Elective is a 300 or 400 university-level NURS course that extends nursing knowledge in an area of interest. Students are encouraged to complete these courses in advance of the final program term, thus avoiding a potential delay in fulfilling graduation requirements.

Progression of Studies

Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency.

Program regulations also require all transfer credit(s) meet currency requirements. To be considered for credit all NURS and HLST equivalent courses must have been completed within the five years immediately preceding a student's program start date. All other courses being considered for transfer credit must be completed within the 10 years immediately preceding a student's program start date. The decision to award transfer credit rests with the program and cannot be appealed.

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on program courses. In accordance with the Academic Standing policy, a student who fails to complete a prerequisite course designated as being required for progression in the program (or for program completion) may be Required to Withdraw from the program.

Professional Conduct

Students must adhere to the current Canadian Nurses Association Code of Ethics, Competencies for the Practice of Registered Nurses (RNs) in Alberta and confidentiality agreements signed with MacEwan University and clinical placement/other agencies.

Regulations Governing Clinical Courses

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcomes. Clinical course hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required nursing practice placements will generally be within a 150 kilometer radius of the program site.

Students cannot be in attendance at clinical agencies as a MacEwan University nursing student except at times and locations authorized by the clinical course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding clinical and/or nursing practice placements.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. In accordance with the Work Integrated Learning policy, the University reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, may assign a grade of F in the course.

Police Information Check

A current, clear Police Information Check (PIC) that includes a Vulnerable Sector Search is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the published document deadline. Having a pardon in progress does not meet the admission requirement for a clear PIC.

Students are responsible for obtaining a PIC at intervals specified by clinical agencies and for making these available, upon request, to their clinical agency representative. Students may also be required to obtain child welfare checks for some clinical placements. Students must be able to satisfy agency requirements prior to the start of clinical placements. Students whose PIC status changes following program admission must self-report this change in status; this may compromise their ability to complete the program requirements as they may be denied required clinical placements and, therefore, be unable to meet graduation requirements.

Program Standards

Students admitted to this program are presumed to be capable of fulfilling the academic requirements of their program with, if

applicable, provision of reasonable accommodation. The reasonable accommodation of students with disabilities shall not require the University to lower its standards, academic or otherwise, nor shall it relieve a student of the responsibility to develop and demonstrate the essential skills and competencies expected of all students pursuing this program (Students with Disabilities policy).

Students require the requisite skills and abilities necessary for entry to practice as Registered Nurses (RNs) in Alberta, as outlined by the College of Registered Nurses of Alberta (CRNA) . All students must meet the physical and mental health attributes that will support success in a registered nursing education program. Students must participate in clinical practice courses requiring performance of physically and mentally challenging activities that may include cognitive, behavioural, communication, interpersonal, physical, sensory perceptual, and environmental requirements.

Immunization Status

Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Students must meet agency requirements for immunizations prior to the start of all clinical or practice placement courses. Current immunization against specified communicable diseases is required as a prerequisite for practice placements and thus for continued enrolment in the program.

N95 Mask

Program students must be fitted for an N95 mask as a prerequisite for clinical experiences, and refitted in accordance with health agency requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification

A BLS provider (CPR) card from the Heart and Stroke Foundation is required prior to the start of the clinical placement in the first year of the program. The BLS provider portion (CPR component) must be updated every 12 months throughout the program prior to starting any clinical placement. No grace period is provided.

Agency-Specific Certifications

Program students may be required to complete additional agency-specific certifications as a prerequisite for clinical experiences.

Program Learning Outcomes

The MacEwan Bachelor of Science in Nursing program prepares graduates with in-depth knowledge and a diversity of skills and attributes for the domain of clinical practice, with foundational knowledge and skills for future transition into the domains of administration, education, and research.

Upon completion of the Bachelor of Science in Nursing program, graduates will:

1. Create caring and compassionate relationships within differing social, cultural, economic, and political contexts.

2. Appraise and synthesize theories, knowledge, and relevant evidence using a diverse range of skills to assess, plan, implement, coordinate, facilitate, and evaluate nursing care.

3. Create an environment that facilitates effective communication and dissemination of knowledge among a variety of clients, peers, faculty, and interprofessional/intersectoral members within diverse contexts.

4. Evaluate the influence of complex and dynamic factors related to the delivery and provision of health services.

5. Implement actions to promote health, prevent illness/injury, restore health, and support end-of-life care.

6. Integrate a collaborative plan of care based on critical evaluation of relevant evidence.

7. Support research activities towards life-long learning and practice improvement.

8. Evaluate social, political, and economic processes to advocate for sustainable healthcare system improvements based on best practices.

9. Demonstrate accountability, responsibility, critical inquiry, and a commitment to lifelong learning.

10. Advocate for safe, ethical practice environments using quality improvement principles, best practice and professional standards, and BScN Program Guidelines for Year 4 students.

Admission Requirements

Through a competitive admission process, applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1, Mathematics 30-2 or Mathematics 31
5. One Group A, B, C or D course

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1, Mathematics 30-2 or Mathematics 31

Note:

- For Mature Admission only, another Group C course grade could be used to replace the Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 grade in the calculation of the competitive average.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan

University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

3. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have had one or more unsatisfactory academic records from any post-secondary program or institution must meet the admission requirements under the Previous Post-Secondary Work admission category.

Applicants who have two or more unsatisfactory academic records within the past 10 years from any post-secondary program or institution will not be considered for admission or re-admission to the Program until a minimum five years from the date of assignment of the last unsatisfactory record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission to the program are required to present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Conditionally accepted applicants who have had a break in the continuity of their nursing program or who completed a portion of a nursing program through another institution may have to meet additional course requirements to establish course currency and/or course equivalence.

Equity Admissions

The Faculty of Nursing at MacEwan University is committed to facilitating an equitable, diverse, and inclusive educational environment. The Faculty of Nursing recognizes there are underrepresented groups in nursing and nursing education, therefore reserves up to 10% of admission spaces for applicants to the Bachelor of Science in Nursing, who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Métis, and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Performance Major - Bachelor of Music

Overview

In the Performance major, students will specialize in their principal instrument and develop repertoire, techniques and styles through independent practice, weekly private lessons, master classes, ensemble rehearsals and public performances. Areas of specialization within the Performance major are: bass (upright/electric); drum set/percussion; guitar (electric); piano/keyboards; voice; winds/brass and violin/fiddle. The program of study also includes core Bachelor of Music courses in theory, aural skills, cultural studies of music, music technology and the business of music.

The Performance major follows a prescribed Program of Study in addition to the common core courses students take in their first year. Students will choose music options and non-music electives to complete their degree.

Bachelor of Music

Faculty of Fine Arts and Communications
MacEwan.ca/MusicDegree (http://MacEwan.ca/MusicDegree/)

The Bachelor of Music focuses on the study of jazz and contemporary popular music, responds to the current demands of the industry and combines a high degree of professionalism along with the academic rigour required for further education at the graduate level. The opportunity to study with internationally renowned professionals while following a challenging academic curriculum will give you the skills, insights, competency and credentials to pursue a career as a performer, creator and leader in the evolving music industry.

Year 1

All Bachelor of Music students share a common curriculum in the first year that focuses on individual study (voice, piano, guitar, bass, drums, winds, brass or violin), performance ensemble, theory (jazz and traditional), aural skills, and musicology).

years 2-4

After successful completion of the first year, students pursue a major route (specialized Program of Study).

Major routes include: Composition, General, Performance, and Recording and Production. Students following the four-year General route also have the opportunity to pursue one of four unique minors: Music Career Management, Music Education, Music Technology and Production, or Songwriting.

Students can obtain a diploma credential after completing their second year.

Career Potential

The Department of Music has been training some of Canada's most talented musicians for over 50 years. The Bachelor of Music prepares students for the music profession and for further studies at the graduate level. Graduates have gone on to successful careers as performers, songwriters, arrangers, composers, electronica creators, sound designers, recording engineers and producers, record distributors, music managers, agents, marketers and promoters, music directors, accompanists, sound technicians, technologists, consultants, educators, researchers and academics. The Department of Music has a world-class faculty that includes highly skilled performers, creators, educators and academics,

many of whom hold doctorates and master's degrees in music as well as a variety of regional, national and international awards.

Contact Information

musicdegree@macewan.ca

Degree Requirements

Program Element	Description	Credits
Core Year Requirements	Students complete 30 credits of Music courses and 6 credits of university English (ENGL) courses.	36
Major Requirements	Students complete 38 to 74 credits of required Music courses in their chosen major. The number of required courses varies by major.	38-74
Minor Requirements	Students in the General Major complete 15 to 18 credits in one of the four minors: Music Career Management, Music Education, Music Technology and Production, or Songwriting. Students in the General Major also have the option of having no minor.	15-18
Program Options	Students complete 6 to 36 credits of program options, depending on their chosen major. The number of program options students complete varies by major.	6-36
Electives	Students complete 12 to 18 credits of electives. The number of electives students complete varies by major.	12-18
Total		**128**

Core Year Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose an ENGL course from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
MUSC 103	Theory I: Introduction to Music Theory	3
MUSC 104	Theory II: Harmony, Voice Leading, and Function	3
MUSC 111	Ear Training I	3
MUSC 112	Ear Training II	3
MUSC 123	Musicology I: Historical Musicology	3
MUSC 124	Musicology II: Popular Music Studies	3
MUSC 131	Principal Instrument I	3
MUSC 132	Principal Instrument II	3
MUSC 141	Master Class I	3
MUSC 142	Master Class II	3
MUSC 188	Performance Ensemble [1]	0
MUSC 189	Performance Ensemble [1]	0
Total Credits		**36**

[1] The minimum passing grade for this course is CR.

Major Requirements

Code	Title	Credits
MUSC 201	Theory III: Jazz Harmony and Analysis	3
MUSC 202	Theory IV: Chromatic Harmony, Form and Analysis	3
MUSC 213	Ear Training III	3
MUSC 214	Ear Training IV	3
MUSC 215	Functional Keyboard I	1.5
or MUSC 217	Accompanying I	
MUSC 216	Functional Keyboard II	1.5
or MUSC 218	Accompanying II	
MUSC 233	Principal Instrument III	3
MUSC 235	Principal Instrument IV	3
MUSC 243	Master Class III	3
MUSC 244	Master Class IV	3
MUSC 263	Introduction to Music Technology and Production	3
MUSC 294	Performance Ensemble [1]	0
MUSC 295	Performance Ensemble [1]	0
MUSC 313	Arranging I: Introduction to Arranging	3
MUSC 335	Principal Instrument V	3
MUSC 336	Principal Instrument VI	3
MUSC 348	Contemporary Issues in Performance Practice and Techniques I	1.5
MUSC 358	Improvisation I	1.5
MUSC 359	Improvisation II	1.5
MUSC 361	Introduction to Music Career Management	3
MUSC 371	Junior Recital [1]	0
MUSC 396	Performance Ensemble	1
MUSC 397	Performance Ensemble	1
MUSC 424	Ethnomusicology	3
MUSC 426	History of Electro-Acoustic Music	3
MUSC 427	Cultural Studies of Music	3
MUSC 437	Principal Instrument VII	3
MUSC 438	Principal Instrument VIII	3
MUSC 452	Contemporary Issues in Performance Practice and Techniques II	1.5
MUSC 460	Improvisation III	1.5
MUSC 461	Improvisation IV	1.5
MUSC 472	Area Examination [1]	0

MUSC 473	Graduation Recital, Performance Major [1]	0
MUSC 498	Performance Ensemble	1.5
MUSC 499	Performance Ensemble	1.5
Program Options		
Choose 9 credits of options with at least 3 credits from Music Career Management options and 3 credits from Music Technology and Production options.		9
Electives		
Choose 12 credits of electives, with at least 9 credits at the senior level. INTA courses may be used as electives, except INTA 360, which is a program option.		12
Total Credits		**92**

1

The minimum passing grade for this course is CR.

Program Options

Students choose 3 credits from Music Career Management options, 3 credits from Music Technology and Production options, and 3 credits from any of the categories below. Please note that not all options are offered every year and are subject to space availability.

Music Career Management Options

Code	Title	Credits
AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 225	Performing Arts Management	3
AGAD 226	Museum and Gallery Management	3
AGAD 227	Managing in the Music Industry	3
AGAD 300	Internal Practicum in Arts Management	3
AGAD 301	Cultural Policy and Advocacy	3
MUSC 362	The Business of Music	3
MUSC 476	Health Issues and the Professional Musician	3

Music Technology and Production Options

Code	Title	Credits
MUSC 219	Technical Ear Training	3
MUSC 253	Live Sound Reinforcement I	3
MUSC 254	Live Sound Reinforcement II	3
MUSC 364	Applications in Music Technology I	3
MUSC 365	Recording and Production Techniques	3
or		
MUSC 366	Introduction to the Recording Studio	
MUSC 367	Analog and Digital Signal Processing	3
MUSC 368	Psychoacoustics	3
MUSC 465	Applications in Music Technology II	3
MUSC 467	Recording Studio Production	3
MUSC 468	Acoustics	3
MUSC 469	Mastering	3

Music Education Options

Code	Title	Credits
MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3

Other Music Options

Code	Title	Credits
INTA 360	The Arts and Pedagogy	3
MUSC 207	Songwriting I	3
MUSC 208	Songwriting II	3
MUSC 211	Composition I	3
MUSC 220	Jazz History in Cultural Context	3
MUSC 301	Special Project I	1
MUSC 302	Special Project II	2
MUSC 303	Special Project III	3
MUSC 380	Directed Project	3
MUSC 415	Orchestration	3
MUSC 416	Scoring for Film and Other Visual Media	3
MUSC 482	Independent Study	3
MUSC 498 & MUSC 499	Performance Ensemble and Performance Ensemble	3

Diploma Exit

Students are eligible for a diploma in Performance after the completion of Year 2 of the Bachelor of Music - Performance major Program of Study. For more information about the diploma, please see Degree Regulations.

Year 1 Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
MUSC 103	Theory I: Introduction to Music Theory	3
MUSC 104	Theory II: Harmony, Voice Leading, and Function	3
MUSC 111	Ear Training I	3
MUSC 112	Ear Training II	3
MUSC 123	Musicology I: Historical Musicology	3
MUSC 124	Musicology II: Popular Music Studies	3
MUSC 131	Principal Instrument I	3
MUSC 132	Principal Instrument II	3
MUSC 141	Master Class I	3
MUSC 142	Master Class II	3
MUSC 188	Performance Ensemble [1]	0
MUSC 189	Performance Ensemble [1]	0
Total Credits		**36**

1

The minimum passing grade for this course is CR.

Year 2 Requirements

Code	Title	Credits
MUSC 201	Theory III: Jazz Harmony and Analysis	3
MUSC 213	Ear Training III	3
MUSC 214	Ear Training IV	3
MUSC 215	Functional Keyboard I	1.5
or MUSC 217	Accompanying I	

MUSC 216	Functional Keyboard II	1.5
or MUSC 218	Accompanying II	
MUSC 233	Principal Instrument III	3
MUSC 235	Principal Instrument IV	3
MUSC 243	Master Class III	3
MUSC 244	Master Class IV	3
MUSC 263	Introduction to Music Technology and Production	3
MUSC 294	Performance Ensemble [1]	0
MUSC 295	Performance Ensemble [1]	0
MUSC 361	Introduction to Music Career Management	3
Electives		
Choose 3 credits from junior- or senior-level electives		3
Total Credits		**33**

1

The minimum passing grade for this course is CR.

Degree Regulations

Declaration of a Major and Minor (Concentration)

Students are required to declare a major and minor concentration, where applicable, within their first year. Major and Minor declarations may be submitted starting September 1. Competitive declarations close on January 15 and non-competitive declarations on February 15. Students are required to consult with the appropriate section head and the department's university advisor in determining their major or minor choice.

Students who declare a major in Composition, Performance, or Recording and Production, should note that these majors are competitive.

Students who declare the General major may choose to declare a minor in Music Career Management, Music Education, Music Technology and Production, or Songwriting. Students should note that the minor in Music Technology and Production is competitive.

Please note, when you declare your major, you must also select the same instrument that you were admitted with.

Graduation Recitals – Performance and Composition Majors

Students in the Performance and Composition majors must undertake juried public graduation recitals in the fourth year of their program.

- The Performance major recital involves a program of works performed on the major (principal) instrument in ensemble and solo settings that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.
  - Students in the Performance major must also successfully complete an area examination in preparation for their graduation recital.
- The Composition major recital involves a program of original works and arrangements for a variety of instruments (ensemble and solo, instrumental and vocal) that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.

The proposed program of works intended to fulfill the Composition and Performance graduation recital requirements must receive prior approval from the appropriate section head.

Graduation recitals for the Performance and Composition majors are graded as credit/non-credit. For Performance majors, failure to complete this requirement also constitutes a failure in Principal Instrument VIII. For Composition majors, failure to complete this requirement also constitutes a failure in Composition VI.

Performance Ensembles

All students must participate in required Performance Ensembles as noted in the programs of study. The Performance Ensemble requirement for Year 1 core and Year 2 all majors (Fall & Winter terms) are 0 (zero) credit. The Performance Ensemble requirements for Year 3 all majors (Fall & Winter terms) are 1 credit per term, and Year 4 (Performance major or as music option, Fall & Winter terms) are 1.5 credits per term.

For all majors, students may choose to participate in a maximum of two performance ensembles per term but will only be enrolled in and earn credit for one ensemble per term. The second Performance Ensemble will be 0 (zero) credit in any term. To avoid jeopardy, students may be advised to withdraw from a second Performance Ensemble if the directors detect that the students are overburdened and cannot cope with the additional responsibility.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

Elective Requirements

Elective requirements in each of Years 2, 3, and 4 of the program must be non-Music, baccalaureate level coursework, with a minimum of 9 credits earned at the senior level for all majors (Composition, General, Performance, and Recording and Production). Students may consult with the department's academic advisor for guidance. Program courses cannot be used to fulfill elective requirements.

Program Option Requirements

All Bachelor of Music students must successfully complete one additional Music Technology and Production course beyond the introductory course *and* one additional Music Career Management course beyond the introductory course as part of their core requirements.

Students must select from a list of program options to fulfill the requirements in their declared major or minor. Specified program option courses may also be required courses in one or more of the program's majors or minors, therefore, registration priority will be given to students who must take these courses as part of their specific Program of Study. Students may consult with the department's academic advisor for guidance and availability of program option courses prior to registration.

Arts and Cultural Management (AGAD) Courses

Students following the General route with a minor in Music Career Management, as well as students seeking to use approved Arts and Cultural Management courses as Music options must take MUSC 361 before entering Arts and Cultural Management (AGAD) courses.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Music program requirements. Any student who discontinues

registration in degree courses for twelve months will be required to re-apply for admission.

Diploma Requirements

Students are eligible for a diploma after the completion of Year 2 of the Bachelor of Music degree Program of Study, any route. Students who have obtained the diploma, or are otherwise eligible to do so, may continue with the degree. Obtaining the diploma does not require a student to exit the degree program; however, any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Expected Course Offerings

The following courses are only offered every second year:

MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3
MUSC 476	Health Issues and the Professional Musician	3

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75 % in ELA 30-2
2. Four subjects from Group A, B, C, or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

  OR
- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

  OR
- A University Music Diploma Program or equivalent

Probationary Admission

To be evaluated through the Program

This admission category will only be used if the program is not filled by Regular, Mature or Previous Post-Secondary applicants.

A limited number of probationary admissions may be granted to applicants with an Admission Grade Point Average (AGPA) less than 2.0 on a 4.0 scale. These applicants will be placed on probation.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://www.macewan.ca/academics/programs/english-as-an-additional-language/).

2. Other Admission Criteria

To be evaluated through the Program Office

Applicable to All Admission Categories

All applicants must audition.

Limited space is available, and not all applicants who are eligible may be admitted. When admission becomes competitive, performance in the audition is the primary criterion for admission. Applicants must also be aware that admission for any category is limited based on the availability of spaces for the principal instrument.

Philosophy - Bachelor of Arts

Overview

Philosophy is one of the most abstract and yet practical and concrete disciplines of the Arts. The study of philosophy, especially ethics, can relate directly to business, medicine, public policy, education, and law. Similarly, theoretical philosophy can complement and elaborate on concepts dealt with in psychology, sociology, religious studies, and political science.

Philosophy teaches analytical thinking, logical presentation, and competence with abstract concepts. More importantly, philosophy encourages you to consider more deeply and critically your own world-views and belief systems. It provides the opportunity to reflect, in a systematic and organized fashion, on basic issues that bear on our individual lives.

Contact Information

Department of Humanities
Room 7-352, City Centre Campus
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Arts and Science Academic Advising
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The Bachelor of Arts

Faculty of Arts and Science
MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉
Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉
Planetary Physics		◉
Statistics		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3
Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options
CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options

ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth

PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

Philosophy Requirements

Philosophy Major (p. 422)

Philosophy Minor (p. 422)

Philosophy Major

The Bachelor of Arts (BA) in Philosophy program requires students to complete 120 credits of non-duplicative coursework. In addition to the Philosophy Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Arts major

Students are required to complete option courses as well as the major(s) and minor(s). All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Philosophy Major is 42 to 60 non-duplicative philosophy credits with a minimum 36 credits at the senior-level. Students must complete a minimum of nine credits at the 300-level and six credits at the 400-level PHIL (this must include PHIL 401).

Bachelor of Arts - Philosophy Major

Code	Title	Credits
Specific Major Requirements		
6 credits from each of the following Philosophy Survey groupings:		
History of Philosophy Surveys:		6
PHIL 201	Buddhist Philosophy	
PHIL 202	Philosophies of China and Japan	
PHIL 230	Ancient Western Philosophy	
PHIL 232	Islamic Philosophy	
PHIL 235	Medieval Philosophy	
PHIL 240	Early Modern Philosophy	
PHIL 247	Continental Philosophy	
PHIL 248	American Philosophies	
PHIL 291	Existentialism	
Area of Philosophy Surveys:		6
PHIL 200	Metaphysics	
PHIL 203	Philosophy of Religion	
PHIL 205	Philosophy of Mind	
PHIL 215	Epistemology	
PHIL 250	Ethics	
PHIL 265	Philosophy of Science	
PHIL 270	Social and Political Philosophy	
PHIL 280	Aesthetics	
3 credits from the Methodology Group		3
PHIL 204	Philosophical Writing and Analysis	
PHIL 210	Symbolic Logic	
3 credits: Senior Seminar		3
PHIL 401	Senior Seminar	
3 credits from at least one 400-level PHIL course other than PHIL 401		3
PHIL 400-level course [1]		
General Major Requirements		
Choose 21 to 39 credits from junior- and senior-level PHIL		21-39
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

1 PHIL 498 does not satisfy this requirement.

Philosophy Minor

The Philosophy Minor requires 18 senior-level PHIL credits, with a minimum of six credits at the 300 level and three credits at the 400 level.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PHIL		18
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or

Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so

will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Philosophy Program Learning Outcomes

Philosophy at MacEwan is committed to the value and ongoing relevance of the search for truth and wisdom understood as an unbroken tradition of philosophical investigation stretching back into Antiquity in both the East and the West. We demonstrate our commitment to this tradition by training our students to read primary sources texts from the history of philosophy in their entirety. We believe that an education in this tradition equips our students to approach the challenges of the modern world prudently and courageously.

Graduates of the Philosophy programme at MacEwan University will be able to do the following:

1. Exhibit a general understanding of the history and development of Philosophy:

- closely read and demonstrate an understanding of classic texts in the history of philosophy.
- demonstrate an understanding of a range of fundamental issues in philosophy, and the diverse positions and views of significant philosophers on these issues. These issues include human nature, the nature of truth, knowledge, reality, virtue, goodness, cultural value, good governance, and self-knowledge.
- discuss and describe the views and reasoning of a range of philosophers and philosophical texts, including both canonical and lesser known.
- read classic philosophical works from different historical periods and demonstrate an understanding of the intellectual contexts and connections that characterize these works.

2. Employ disciplinary skills:

- read and assess philosophical writing in different compositional forms and assess how literary aspects and devices contribute to the philosophical meaning of a text.
- formulate an insightful question on a matter of philosophical importance.
- demonstrate the ability to discuss, in-depth and in a manner appropriate to the philosophical tradition, an abstract philosophical concept.
- work independently in choosing a question of focus and philosophical importance, and then conduct research that is relevant to a response to this question.
- demonstrate an understanding of objections to a philosophical position and discern legitimate objections from illegitimate objections.

3. Think critically and solve problems:

- read complex argumentation closely and identify different lines of argument, including identifying premises, conclusions, objections, and responses to objections, in these arguments.
- distinguish between good and bad reasoning and be able to discern how and where reasoning is misleading, invalid, and fallacious.
- demonstrate an understanding of issues from diverse perspectives and discern and respectfully assess the reasoning that underlies these perspectives.
- articulate and critically assess their own opinions and assumptions; this includes being able to articulate the justifications or lack thereof for these opinions and assumptions.

- receive oral and written feedback on their work, demonstrate an understanding of the reasons behind the assessments of their work and, where appropriate, revise and improve their work accordingly.

4. Hone effective communication skills:

- present their work in front of others, respond both helpfully and insightfully to the work of others, and incorporate feedback as they hone and revise their own work.
- communicate, in both oral and written form, clearly, persuasively, and accurately, using words with precision and care.
- meet deadlines in completing work.
- write emails, or other communications, that are proofread, and worded clearly, professionally, and respectfully.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- The student plan lists PHIL 100 as a requirement of the Philosophy program. This course is not required and students who choose not to take PHIL 100 can take an additional 3 credits of PHIL in their program

Year 1	Credits
PHIL 100	3
ENGL 102	3
Breadth Requirements	24
	30

Year 2	Credits
Choose 6 credits (2 courses) from the History of Philosophy Surveys:	6
PHIL 201	
PHIL 202	
PHIL 230	
PHIL 232	
PHIL 235	
PHIL 240	
PHIL 247	
PHIL 248	
PHIL 291	
Choose 6 credits (2 courses) from the Area of Philosophy Surveys:	6
PHIL 200	
PHIL 203	
PHIL 205	
PHIL 215	
PHIL 250	
PHIL 265	
PHIL 270	
PHIL 280	
Choose 3 credits (1 course) from the Methodology Group:	3
PHIL 204	
PHIL 210	
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 3	Credits
Choose 9 credits (3 courses) from 300-level PHIL	9
Choose 3 credits (1 course) from junior- or senior-level PHIL	3
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 4	Credits
PHIL 401	3
Choose 3 credits (1 course) from 400-level PHIL, not including PHIL 498	3
Choose 6 credits (2 courses) from senior-level PHIL	6
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

PHIL 100	Introduction to Philosophy: The Examined Life
PHIL 103	Asian Philosophies
PHIL 125	Analytical Reasoning
PHIL 201	Buddhist Philosophy
PHIL 203	Philosophy of Religion
PHIL 210	Symbolic Logic
PHIL 232	Islamic Philosophy
PHIL 240	Early Modern Philosophy
PHIL 250	Ethics
PHIL 270	Social and Political Philosophy
PHIL 291	Existentialism
PHIL 305	Studies in the Self
PHIL 331	Philosophy of Love
PHIL 381	Philosophy as Literature
PHIL 402	Topics in the History of Philosophy
PHIL 403	Topics in Moral Philosophy

Winter 2025

PHIL 100	Introduction to Philosophy: The Examined Life
PHIL 125	Analytical Reasoning

PHIL 200	Metaphysics
PHIL 202	Philosophies of China and Japan
PHIL 204	Philosophical Writing and Analysis
PHIL 205	Philosophy of Mind
PHIL 247	Continental Philosophy
PHIL 280	Aesthetics
PHIL 291	Existentialism
PHIL 303	Studies in Philosophy and Religion
PHIL 330	Plato
PHIL 341	Studies in Early Modern Philosophy
PHIL 401	Senior Seminar
PHIL 403	Topics in Moral Philosophy

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Philosophy Courses

PHIL 100
Introduction to Philosophy: The Examined Life
3 Credits Weekly (3-0-0)
This course provides an introduction to philosophy through a study of canonical texts pertaining to the topic of the examined life. Course content may include the nature and scope of knowledge, the existence of the self and the concept of the person, the reality of the world that we live in, the good life and the life worth living, or theories of right action. With a particular emphasis on close and careful reading of classic and influential philosophical writings, all students study Plato's Apology as well as at least one other significant philosophical work in its entirety.

PHIL 103
Asian Philosophies
3 Credits Weekly (3-0-0)
This course provides an introduction to and survey of Eastern and Asian Philosophies. The course investigates philosophical traditions, including important schools and figures, from the histories of India, China and Japan. This includes a consideration of the Hindu or Brahmanical philosophies of the Vedas and Upanishads, Buddhism (including Indian, Chinese and Japanese developments), Confucianism, and Taoism. Topics include the nature of reality, the nature of suffering and desire, the nature of a good life and good government, enlightenment, moral virtues, sageliness, views of Nature, and Eastern conceptions of the self.

PHIL 125
Analytical Reasoning
3 Credits Weekly (3-0-0)
In this course, students use elementary methods and principles for analyzing reasoning as it occurs in everyday contexts. Topics may include informal fallacies, introduction to scientific method, elementary statistical reasoning, elementary sentential logic, as well as the study of argument in contemporary debates about issues of social concern. Note:This Arts course can also be used to satisfy the general science credit requirement of the Bachelor of Science.

PHIL 200
Metaphysics
3 Credits Weekly (3-0-0)
Metaphysics is the area of philosophy that raises and responds to fundamental questions concerning the nature and structure of reality. In this course, students develop an understanding of metaphysical questions and their significance, as well as critically examine the ways philosophers address these questions and the metaphysical issues associated with them. Topics of study may include appearance and reality, the mind-body problem, metaphysical idealism and realism, freedom and determinism, personal identity, time and space, and universals and particulars.

PHIL 201
Buddhist Philosophy
3 Credits Weekly (3-0-0)
This course carries out a sustained philosophical investigation of Buddhist philosophy. This investigation considers the historical development of Buddhist philosophical thought, focusing on its origin, development, and expansion in India. The course considers, with the aim of coming to a philosophical understanding, issues such as Buddhist conceptions of suffering, desire, enlightenment, reality, self, mind, meditation and the ethics of compassion.

PHIL 202
Philosophies of China and Japan
3 Credits Weekly (3-0-0)
Students study the philosophies of China and Japan, focusing on Confucianism, Taoism, and Chinese and Japanese Buddhism. This involves, primarily, a consideration of historical movements, figures and schools, although some contemporary figures may also be included. The discussion of Confucianism centers on Confucian Social and Moral Philosophy and issues such as the nature of a good life and good government, sageliness, and Confucian moral virtues. The discussion of Taoism centers on Taoist Metaphysics and issues such as the nature and meaning of the Tao, the principle of wu-wei or no action, and the Taoist understanding of a life lived in accordance with Nature. The discussion of Chinese and Japanese Buddhism focuses on Ch'an or Zen Buddhism (these are, respectively, Chinese and Japanese analogues), but Hua Yen or Kegon Buddhism, and Tien Tai or Nichiren Buddhism may be considered. Issues here center on the Buddhist Philosophy of Mind, and include the nature of enlightenment, self, and rationality.

PHIL 203
Philosophy of Religion
3 Credits Weekly (3-0-0)
This course surveys important themes in the philosophy of religion – such as the nature of religious belief, religious truth, religious experience, and religious life – through a close reading of significant texts from key figures in the history of philosophy of religion. Specific issues may include conceptions of God, suffering, sin, faith and reason, religious uses of language, and mystical experience. Students can only receive credit for one of PHIL 203 and PHIL 357.

PHIL 204
Philosophical Writing and Analysis
3 Credits Weekly (0-0-3)
This writing-focused seminar introduces students to the forms and methods of philosophy through the close reading and study of a selection of philosophical works. Particular emphasis is put on the analysis and composition of philosophical ideas, and students are expected to participate in discussion and writing activities as well as submit a final writing portfolio in place of a final exam. Course readings deal with a variety of styles in philosophical writing, which may include treatise, essay, dialogue, aphorism, confession, correspondence, literature, or film. *Prerequisite: A minimum grade of C- in any 3-credit* PHIL *(*p. 806*) or* HUMN *(*p. 757*) course.*

PHIL 205
Philosophy of Mind
3 Credits Weekly (3-0-0)
This course surveys major themes in the philosophy of mind throughout the history of philosophy. These themes may include but are not limited to the relationship between mind and body, the immortality of the soul, the nature and reality of the self, and the nature of the human mind as revealed by the nature of human knowledge.

PHIL 210
Symbolic Logic
3 Credits Weekly (3-0-0)
This course is an introduction to modern symbolic logic, including the basic concepts of justification, argument, deduction, validity and soundness; translation of ordinary language into symbolic form; using sentential and predicate designators, carrying out truth functional analyses for validity and invalidity, testing sets for consistency, using rules of inference and equivalence to prove validity of arguments, and using methods of conditional and indirect proof in sentential and quantified forms. Note: Credit can only be obtained in one of PHIL 210 or PHIL 120. Note:This Arts course can also be used to satisfy the general science credit requirement of the Bachelor of Science.

PHIL 215
Epistemology
3 Credits Weekly (3-0-0)
Epistemology is the area of philosophy that raises and responds to fundamental questions concerning the nature of knowledge. In this course, students closely read at least one classic text in the history of philosophy, and study central topics in the theory of knowledge. These may include the nature of truth, skepticism and the limits of knowledge, the necessary and sufficient conditions of knowledge versus belief, self-knowledge, perception, rationalism and empiricism, and the philosophical pursuit of knowledge.

PHIL 230
Ancient Western Philosophy
3 Credits Weekly (3-0-0)
This course provides a survey of ancient philosophy from the Presocratics to the Neoplatonists. Particular emphasis is placed on the works of Plato and Aristotle.

PHIL 232
Islamic Philosophy
3 Credits Weekly (3-0-0)
This course carries out a sustained investigation of Islamic philosophy. This investigation considers the historical development of Islamic philosophical thought, beginning with the translation movement of the 9th century. This involves consideration of historical movements, figures and schools, particularly those of the Classical Period (approx. 9th -12th Century C.E.), although some contemporary figures may also be included. This course will focus primarily on Islamic philosophy as distinct from Islamic theology, although debates and points of conflict between the two may be considered. Topics covered may include the existence and nature of God, the relationship between the human soul and body and the eternity of the world.

PHIL 235
Medieval Philosophy
3 Credits Weekly (3-0-0)
This course provides a survey of Medieval philosophy from the 4th to the 14th Century C.E. Special attention will be paid to issues that were of philosophical interest to Christian, Jewish, and Muslim medieval philosophers, such as St. Augustine, Moses Maimonides, Ibn Sina, Al-Ghazali, and St. Thomas Aquinas.

PHIL 240
Early Modern Philosophy
3 Credits Weekly (3-0-0)
This course provides an examination of the philosophies of various thinkers of the early modern period. This period, which spans Western philosophy from the 16th- to 18th-century, includes the immensely influential philosophical systems of Descartes, Hume, and Kant. A selection of texts by some or all of those philosophers appears in this course. Other possible texts of study may include writings by Locke, Leibniz, or lesser-known figures, such as Princess Elisabeth of Bohemia or Anne Conway. The topics covered reflect the great intellectual curiosity and ambitions of the time. Particular emphasis is placed on theories of knowledge and reality.

PHIL 247
Continental Philosophy
3 Credits Weekly (3-0-0)
This course provides an introduction to twentieth century continental European philosophy through close reading of some of the century's major philosophers, such as Husserl, Heidegger, Levinas, Derrida, Foucault, and Badiou. Specific topics may include phenomenology, hermeneutics, deconstruction, post-structuralism, and materialist dialectics.

PHIL 248
American Philosophies
3 Credits Weekly (3-0-0)
This course provides an examination of the philosophies and philosophers emerging out of the Americas from the 19th century to the present. Figures may include Emerson, Thoreau, Peirce, James, Du Bois, Addams, Dewey, Locke, Rorty, Dussel, Anzaldua, and Deloria. Topics to be covered may include American Transcendentalism, Pragmatism, African-American philosophy, Latin-American philosophy, Indigenous philosophy, and neo-Pragmatism.

PHIL 250
Ethics
3 Credits Weekly (3-0-0)
This course involves an examination of fundamental questions and theoretical answers in the philosophical discipline of ethics. Through a detailed study of important and influential texts in the philosophy of ethics, students develop the ability to understand and critically assess various philosophical systems of thought concerning moral judgements and ethical obligations.

PHIL 265
Philosophy of Science
3 Credits Weekly (3-0-0)
This course surveys major themes in the philosophy of science throughout the history of philosophy. These themes may include but are not limited to causation and explanation, the scientific method, the relationship between faith and science, and the problem of induction. The course also considers how these major themes illuminate and are illuminated by the history of science itself.

PHIL 270
Social and Political Philosophy
3 Credits Weekly (3-0-0)
This course provides an introduction to social and political philosophy. The course poses the following questions: what is the nature of politics; what is the state; what is civil society; what (if any) are citizens' political obligations and rights? Readings are drawn from canonic philosophers such as Plato, Aristotle, Aquinas, Machiavelli, Hobbes, Spinoza, Rousseau, Hegel and Marx.

PHIL 280
Aesthetics
3 Credits Weekly (3-0-0)
Aesthetics is the branch of philosophy that studies art, beauty and taste. This course introduces aesthetics through the study of theories of art, aesthetic experience, aesthetic judgement and the role of art in society. Students read classical and contemporary writings in aesthetics and apply them to concrete examples of various media, including visual art, music and literature.

PHIL 291
Existentialism
3 Credits Weekly (3-0-0)
This course is an introduction to existential philosophy. Through close reading of texts, students study some of the main themes of existential philosophy, such as anxiety, authenticity, bad faith, absurdity, the meaning of human life, and the self as finite and situated self-making. Particular attention is paid to the existential conception of philosophy as a truthful explication of concrete experience rather than the theoretical pursuit of abstract truth. Readings are drawn from the works of major figures in 19th and 20th century existential philosophy, such as Kierkegaard, Nietzsche, Sartre, Camus and Marcel.

PHIL 301
Comparative Philosophy
3 Credits Weekly (3-0-0)
In this topic based course, students study one or more non-Western, particularly Asian, philosophical tradition in comparison with approaches taken in the Western philosophical tradition. Issues for comparison between non-Western and Western philosophies may include methods and aims; the relation between religion and philosophy; views on the nature of reality, truth, the self, morality, justice, suffering, desire, and/or reason.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 303
Studies in Philosophy and Religion
3 Credits Weekly (3-0-0)
This topics based course focusses on the intersections of philosophy and religion. Topics may concern the religious philosophies expressed in key works of specific figures (e.g., Plato, Kierkegaard, Joseph Pieper, Simone Weil); a study of philosophical religious literature (e.g., Book of Job, Upanishads); or the philosophical investigation of specific religious themes (e.g., the human in relation to the divine, the relation of reason and faith, conceptions of the soul). The specific topic is chosen by the Instructor. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*).*

PHIL 305
Studies in the Self
3 Credits Weekly (3-0-0)
In this course, students study the nature of the Self, drawing on one or more philosophical perspectives. The topic(s) of any particular section may vary. Possible topics include personal identity, the reality of the self, the soul, subjectivity, knowledge of self and others, and freedom and the will. Each section of this course requires that students produce a research essay that incorporates scholarly sources other than the course readings. This course may be taken up to three times, provided the course topic is different.
Prerequisites: Minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 330
Plato
3 Credits Weekly (3-0-0)
With a view to both theoretical and moral issues, this course engages in a focused study of Plato and his philosophy. Students will engage in close readings of some of Plato's writings and will evaluate secondary literature on Plato. Some consideration may also be given to Academic Platonism and neo-Platonism.
Prerequisites: Minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 331
Philosophy of Love
3 Credits Weekly (3-0-0)
This course engages in a philosophical investigation of love. Through a study of classic works of philosophy, students examine the experience of love, the meaning of love, the value of love, and philosophy's relationship to love. Special attention will be paid to Plato's theory of love as it is expressed in the Symposium.
Prerequisites: Minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 333
Philosophy of Sex and Sexuality
3 Credits Weekly (3-0-0)
This course examines the philosophy of sex and sexuality. This course may examine classic or contemporary works, while providing a close reading of at least 3 primary texts in the area. Topics may include gender and oppression, sexual difference, the metaphysics of desire, the legitimacy of consent, the politics of sexual relations/interactions, sexuality and embodiment, the morality of seduction, genealogy and sexuality, and the character of heteronormativity and 'perversion'.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 337
Studies in Christian, Islamic, and Jewish Philosophy
3 Credits Weekly (3-0-0)
This topics-based course focuses on the intersections of philosophy and one or more of the Abrahamic Faiths (Christianity, Judaism, and Islam). Topics may fall under either the philosophical theology or the philosophy, religious or otherwise, of a thinker from any of these traditions. The specific topic is chosen by the Instructor. Topics may include Josef Pieper's understanding of the Christian theological virtues, Al-Ghazali's occasionalism, or Moses Maimonides's proof for the existence of God. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*).*

PHIL 341
Studies in Early Modern Philosophy
3 Credits Weekly (3-0-0)
In this course on early modern philosophy, students will study particular developments and discussions of philosophical ideas through close study of writings by early modern philosophers such as Berkeley, Conway, Descartes, Princess Elisabeth, Leibniz, Locke, Malebranche, and Spinoza. These philosophers wrote on a range of topics from the reality of bodies to the physiology of human bodies, the freedom of God to the necessity of certain truths, the existence of evil to the happiness of the soul, and much more, and they did so in a variety of formats, including dialogue, meditation, notebook, essay, and correspondence. Students in this course will engage with a selection of topics and texts from this period as well as with contemporary scholarly articles about them. The specific readings will vary depending on the particular focus of each offering of the course.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 355
Studies in the Philosophy of Nature
3 Credits Weekly (3-0-0)
In this course, students philosophically examine a specific topic relating to Nature. Topics may include: concepts of Nature; conceptions of what it is to live in accordance with Nature; approaches to Nature in religion; naturalistic approaches in philosophy; natural law; philosophical theories of human nature; environmental ethics; and aesthetics of the environment. The specific topic is chosen by the Instructor. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in 3 credits in 200-level PHIL *(*p. 806*) courses.*

PHIL 360
Death and Dying
3 Credits Weekly (3-0-0)
This course offers a philosophical examination of the nature and significance of death. This includes detailed analysis and critical discussion of such topics as: what death is, emotional attitudes toward death, the badness of death, the value of life, immortality, personal identity, and suicide.
Prerequisites: A minimum grade of C- in any 200-level PHIL *(*p. 806*) course.*

PHIL 365
Studies in the Philosophy of Science
3 Credits Weekly (3-0-0)
In this course, students study a topic(s) in the philosophy of science. The specific topic(s) is chosen by the instructor. Possible topics include realism vs antirealism about scientific theories, the scientific method, feminist critiques of science, scientific reduction and the relationship between physics and the special sciences, and topics in the philosophy of physics or the special sciences, such as different interpretations of quantum mechanics or the modern synthesis in evolutionary biology. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 370
Studies in Political Philosophy
3 Credits Weekly (3-0-0)
In this course, students study a topic in political philosophy. The topic for any particular section varies. Possible topics include: liberalism, Plato, Aristotle, and St. Thomas Aquinas. Each section of this course requires that students produce a research essay that incorporates sources other than the course readings.
Prerequisites: A minimum grade of C- in 3 credits in 200-level PHIL *(*p. 806*) courses.*

PHIL 381
Philosophy as Literature
3 Credits Weekly (3-0-0)
In this course, students study works of philosophy as pieces of literature. Serving as a practical introduction to an hermeneutical approach to philosophy and to philosophical scholarship, students consider how literary features, which might otherwise appear to be extraneous to philosophical content, affect the philosophical meaning of texts. Each section of this course requires that students produce a research essay that incorporates scholarly sources other than the course readings.
Prerequisites: Minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 383
Philosophy of Film
3 Credits Weekly (3-0-0)
This course offers a philosophical examination of film. Conceiving of film as a form or expression of thought, the class will engage films philosophically, reading them as one would a philosophical text. In this class we will think through, along with, and/or against films, to make sense of them, to learn from them, and to further expand the practice, study and teaching of philosophy into new regions through an engagement with film.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 386
Philosophy and Health Care
3 Credits Weekly (3-0-0)
This course is an introduction to central issues in bioethics with a specific emphasis on practice of health care. Though students may briefly examine classical moral theories and principles, the bulk of the course examines contemporary discussions and issues in bioethics. The emphasis of the course is on ethical reasoning and moral deliberation involving issues in health care. Topics may include patient autonomy and confidentiality, advanced directives, allocation of medical resources, health care advocacy, integrity, and issues pertaining to disability and end-of-life care. Students may also be introduced to major ethical theories and moral principles. Readings may include case studies, legal cases, scholarly articles and classical sources.

PHIL 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHIL 401
Senior Seminar
3 Credits Weekly (0-0-3)
In this seminar course, students study the nature, methods, and aims of philosophy, make seminar presentations, and write a major research essay. This course is open only to Philosophy majors. Note: Students are advised to enrol in this course in the final winter term of their studies.
Prerequisites: Successful completion of 30 credits of senior PHIL *(*p. 806*) courses.*

PHIL 402
Topics in the History of Philosophy
3 Credits Weekly (0-0-3)
This seminar course deals with a major figure, issue, or specific period in the history of philosophy. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic of any given section of this course is selected by the instructor. This course may be taken up to three times, provided the course topic is different.
Prerequisites: A minimum grade of C- in 9 credits of 200- or 300-level PHIL *(*p. 806*), with at least 3 of those credits at the 300-level.*

PHIL 403
Topics in Moral Philosophy
3 Credits Weekly (0-0-3)
In this seminar course, students study a topic in moral philosophy broadly construed. The specific topic of each section focuses on a significant philosopher, theme, or problem in ethical theory, applied ethics, meta-ethics, political philosophy, or social philosophy. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given semester is selected by the instructor. This course may be taken up to three times, provided the course topic is different.
Prerequisites: A minimum grade of C- in 9 credits of 200- or 300-level PHIL *(*p. 806*), with a least 3 of those credits at the 300-level.*

PHIL 404
Topics in Asian Philosophy
3 Credits Weekly (0-0-3)
Students study a topic in depth within Asian Philosophy. The specific topic focuses on a significant philosopher or philosophers, text, school, theme or issue within one or more of the traditions of Asian Philosophy, including Buddhism, Jainism, Hinduism, Confucianism, and Taoism. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given year is selected by the instructor. This course may be taken up to three times, provided the course topic is different.
Prerequisites: A minimum grade of C- in 9 credits of 200- or 300-level PHIL *(*p. 806*), with a least 3 of those credits at the 300-level.*

PHIL 405
Topics in Contemporary Philosophy
3 Credits Weekly (0-0-3)
Prerequisites: A minimum grade of C- in 9 credits of 200- or 300-level PHIL *(*p. 806*), with a least 3 of those credits at the 300-level.*

PHIL 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

Physical Sciences - Bachelor of Science

Overview

Physical Sciences covers small to big (subatomic particles to gigantic rock formations) and near to far (the chemistry that makes up your own body to the physics that lets you explore the farthest reaches of the solar system). Delve into current and relevant research in the fields of chemistry, Earth and planetary sciences, and physics. Access state-of-the-art technology, including robotic telescopes and our very own nuclear magnetic resonance spectrometer.

To major in physical sciences, students complete courses in chemistry, Earth and planetary sciences, and physics. Students can also choose to minor in any of the other disciplines offered in the Bachelor of Science program.

Contact Information

Department of Physical Sciences
Room 5-132, City Centre Campus
10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4490

Arts and Science Academic Advising
Room 6-211, City Centre Campus
T: 780-497-4505
E: artsandscience@macewan.ca

Bachelor of Science

Faculty of Arts and Science
MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as “Undeclared.” Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-

Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉
Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6
Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60

Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

1

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options
ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options

CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth

ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options

HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 203	SCIOP 2XX	Options
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth

THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Physical Sciences Requirements

Physical Sciences Major

The Bachelor of Science (BSc) in Physical Sciences program requires students to complete 120 credits of non-duplicative coursework. The major is comprised of three disciplines – chemistry, Earth and planetary sciences, and physics. Students select two of the three as primary disciplines. While students in this major are not required to complete a minor, if chemistry, Earth and planetary sciences or physics disciplines are chosen as a minor, all senior-level credits in that discipline will only count toward the minor.

Students are required to complete option courses as well as the Physical Sciences Major and the possible minor. All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Physical Sciences Major is 60 to 72 credits with a minimum of 42 senior-level credits. Students must complete a minimum of three credits at the 300- or 400-level in each primary discipline and a minimum of 12 credits at the 300- or 400-level across all primary disciplines.

NOTE: MATH 114 or MATH 115 is a prerequisite for most 300-level and higher PHYS courses. Students considering future enrollment in 300-level or higher PHYS courses are strongly encouraged to take MATH 114 (or MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirements.

Bachelor of Science - Physical Sciences Major

Code	Title	Credits
Specific Major Requirements		
Choose 6 credits from each of the following disciplines:		18
Chemistry		
CHEM 101	Introductory University Chemistry I	
CHEM 102	Introductory University Chemistry II	
Earth and Planetary Science		
EASC 101	Introduction to Physical Science	
EASC 102	Introduction to Environmental Earth Science	
Physics		
PHYS 124 & PHYS 126	Physics for Life Sciences I and Physics for Life Sciences II	
PHYS 144 & PHYS 146	Mechanics and Electromagnetism	
General Major Requirements		
Three Disciplines - Chemistry (CHEM), Earth and Planetary Sciences (EASC), and Physics (PHYS). PHSC can be used wherever CHEM, EASC, or PHYS is used.		
Primary Discipline I		
Choose 18 to 24 credits from senior-level courses from the first primary discipline		18-24
Primary Discipline II		
Choose 18 to 24 credits from senior- level courses from the second primary discipline		18-24
General Requirements		
Choose 6-12 credits from senior- level courses from the third discipline		6-12
Minor		
Students have the option of completing a minor. Minor courses must be completed at the senior-level.		0-18
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		30-60
Total Credits		**120**

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120

credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-

through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Physical Sciences Value Statement

At the core of our physical sciences program, we uphold a set of values that guide our approach to education, research, and the pursuit of knowledge. We strive for excellence in all aspects of our physical sciences program, maintaining rigorous academic standards, promoting scholarly achievements, and fostering a culture of continuous improvement. We are dedicated to providing a high-quality education by encouraging curiosity, creativity, collaboration, diversity, integrity, and interdisciplinary approaches that prepares students for successful careers and lifelong learning.

Program Learning Outcomes

Upon completion of a BSc with a major in Physical Sciences students should be able to:

1. Independently demonstrate a comprehensive understanding of the fundamental concepts, theories, and principles in physical sciences, including physics, chemistry, and related disciplines, such as
   - chemical principles, including organic, inorganic, physical, and analytical chemistry, etc.
   - geological concepts, including plate tectonics, mineralogy, and geochemistry, etc.
   - physical concepts, including mechanics, electromagnetism, and thermodynamics, etc.

2. Apply scientific inquiry methods and critical thinking skills to investigate and analyze scientific problems, formulate hypotheses, design experiments, collect and interpret data, and draw meaningful conclusions.

3. Identify, define, and solve complex problems in physical sciences by applying appropriate scientific theories, mathematical models, and experimental techniques.

4. Possess proficient laboratory skills, including the ability to safely and accurately use scientific instruments, design and conduct experiments, collect data, and analyze results.

5. Work collaboratively in interdisciplinary teams, demonstrating effective interpersonal skills, ethical and leadership abilities, and the capacity to contribute positively to group dynamics.

6. Effectively communicate scientific ideas and findings through oral presentations, written reports, and scientific publications, using appropriate terminology and formatting.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the selection of primary and secondary disciplines
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- The major is comprised of three disciplines - chemistry, Earth and planetary sciences, and physics. Students select two of the three as primary disciplines

Year 1	Credits
CHEM 101	3
CHEM 102	3
EASC 101	3
EASC 102	3
Choose one of the following pairs of PHYS courses:	6
PHYS 124 and PHYS 126	
PHYS 144 and PHYS 146	
MATH 114	3
Choose 3 credits (1 course) from the following	3
MATH 120	
MATH 125	
Breadth Requirements	6
	30

Year 2	Credits
MATH 115	3
Chose 9 or senior-level credits (3 courses) from the first primary discipline	9
Choose 9 senior-level credits (3 courses) from the second primary discipline	9
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	9
	30

Year 3	Credits
Choose 6 senior-level credits (2 courses) with a minimum of 3 credits (1 course) at the 300-level from the first primary discipline	6
Choose 6 senior-level credits (2 courses) with a minimum of 3 credits (1 course) at the 300-level from the second primary discipline	6
Choose 3 senior-level credits (1 course) from the third discipline	3
Options, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 4	Credits
Choose 6 senior-level credits (2 courses) with a minimum of 3 credits (1 course) at the 300- or 400-level from the first primary discipline	6
Choose 6 senior-level credits (2 courses) with a minimum of 3 credits (1 course) at the 300- or 400-level from the second primary discipline	6
Choose 3 senior-level credits (1 course) from the third discipline	3
Options, Minor(s), or Primary or Secondary Major Requirements	15
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Chemistry Course Offerings

Fall 2024

CHEM 101	Introductory University Chemistry I
CHEM 102	Introductory University Chemistry II
CHEM 211	Applied Analytical Chemistry
CHEM 242	Fundamentals of Physical Chemistry
CHEM 261	Organic Chemistry I
CHEM 263	Organic Chemistry II
CHEM 320	Introduction to Geochemistry
CHEM 333	Organometallic Chemistry
CHEM 353	Forensic Chemistry
CHEM 372	Environmental Chemistry
CHEM 391	Applied Spectroscopy
CHEM 464	Advanced Synthetic Medicinal Chemistry

Winter 2025

CHEM 101	Introductory University Chemistry I
CHEM 102	Introductory University Chemistry II
CHEM 232	Inorganic Chemistry
CHEM 261	Organic Chemistry I
CHEM 263	Organic Chemistry II
CHEM 311	Advanced Chemical Analysis
CHEM 322	Introduction to Biogeochemistry
CHEM 342	Materials Chemistry
CHEM 364	Introduction to Medicinal Chemistry
CHEM 380	Process and Flow Chemistry
CHEM 466	Modern Catalysis
CHEM 472	Advanced Environmental Chemistry
CHEM 496	Techniques in Applied Laboratory Chemistry
CHEM 497	Chemistry Internship Practicum

Earth and Planetary Sciences Course Offerings

Fall 2024

EASC 101	Introduction to Physical Science
EASC 102	Introduction to Environmental Earth Science
EASC 219	Mineralogy
EASC 221	Introduction to Geographic Information Systems
EASC 225	Introduction to Geomorphology
EASC 271	The Oceans
EASC 321	Structural Geology and Tectonics
EASC 373	Anthropogenic Climate Change
EASC 495	Special Topics

Winter 2025

EASC 101	Introduction to Physical Science
EASC 102	Introduction to Environmental Earth Science
EASC 206	Geology of the Solar System
EASC 221	Introduction to Geographic Information Systems
EASC 240	Sedimentology and Stratigraphy
EASC 322	Introduction to Biogeochemistry
EASC 324	Quaternary Environments
EASC 330	Igneous, Sedimentary, and Metamorphic Petrology
EASC 334	Remote Sensing
EASC 409	Geology of Western Canada

Physics Course Offerings

Fall 2024

PHYS 124	Physics for Life Sciences I
PHYS 126	Physics for Life Sciences II

PHYS 144	Mechanics
PHYS 208	Quantum Aspects of Physics
PHYS 224	Fluids and Heat
PHYS 244	Mechanics
PHYS 261	Physics of Energy
PHYS 324	Origins of Planetary Systems

Winter 2025

PHYS 124	Physics for Life Sciences I
PHYS 126	Physics for Life Sciences II
PHYS 146	Electromagnetism
PHYS 226	Optics and Sound Waves
PHYS 242	Physics of Planetary Exploration
PHYS 252	Physics of the Earth
PHYS 301	Nuclear Physics
PHYS 308	An Introduction to Semiconductors and Superconductors
PHYS 390	Advanced Physics Laboratory

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Physical Sciences Courses

Chemistry Courses

CHEM 101
Introductory University Chemistry I
3 Credits Weekly (4-3-0)
This course serves as a foundation for all subsequent chemistry courses. Atomic properties as they relate to the periodic table are considered, along with quantum mechanics for hydrogen-like orbitals and electron configurations. The course provides an introduction to bonding theories as they apply to the stability, molecular geometry and intermolecular interactions of atomic, ionic and molecular species. Topics include chemical nomenclature, stoichiometry, classification of chemical reactivity, gases (both ideal and real) and thermochemistry. Note: Credit may be obtained in only one of CHEM 101 or CHME 103.
Prerequisites: Chemistry 30.

CHEM 102
Introductory University Chemistry II
3 Credits Weekly (4-3-0)
This course emphasizes the importance of chemical equilibrium as it applies to gases, acids and bases, solubility and precipitation reactions and complex ion formation. Also studied are kinetics (rates of reactions, differential and integrated rate laws, the Arrhenius equation), catalysts, thermodynamics (spontaneity, entropy, free energy), and electrochemistry (balancing redox reactions, calculating standard and non-standard cell potentials), with emphasis on some practical applications related to batteries, corrosion and industrial processes. A special topic, selected by the instructor, is covered if time permits. Note: Credit may only be obtained in one of CHEM 102 or CHME 105.
Prerequisites: Minimum grade of C- in CHEM 101.

CHEM 211
Applied Analytical Chemistry
3 Credits Weekly (3-4-0)
This course surveys the principles, methods, and experimental applications of classical analytical chemistry, emphasizing solution phase equilibria, titrimetry, volumetric laboratory skills, and the evaluation of experimental data. This course includes real life examples of organic and inorganic analysis and analytical chemistry literature. Students are introduced to principles, methods, and experimental applications of separation techniques, atomic and molecular spectrometry, potentiometry, and the evaluation of experimental data.
Prerequisites: Minimum grade of C- in CHEM 102 or CHME 105.

CHEM 232
Inorganic Chemistry
3 Credits Weekly (3-3-0)
This course examines the bonding models used for inorganic compounds (main group and transition metal elements). Reactivity patterns of inorganic compounds are considered to gain an understanding of the role of thermodynamics and kinetics in their preparation and reactivity. Physical methods that are used to characterize inorganic compounds are discussed. The relevance and importance of inorganic compounds in the environment, industry and biology are emphasized.
Prerequisites: Minimum grade of C- in CHEM 102.

CHEM 242
Fundamentals of Physical Chemistry
3 Credits Weekly (3-3-0)
This course is about the use of methods to design experiments, analyze measured data, and devise quantitative models in chemistry. These models are applied to explain observations, to optimize experimental conditions, and to predict and control the direction, extent and rate of physicochemical processes. Internal energy, enthalpy, entropy and free energy functions are applied to perform the materials and energy balances of reactions, phase transitions, transport of matter, and coupled processes thereof. Focus is placed on nonequilibrium and steady-state processes. The laws of energy conservation, entropy production, and equilibrium are applied to phenomena occurring inside systems consisting of several components and phases. Fundamentals cover the methods to determine the kinetic parameters and mechanism of chemical reactions.
Prerequisites: A minimum grade of C- in CHEM 102 and MATH 114.

CHEM 261
Organic Chemistry I
3 Credits Weekly (3-3-0)
This course covers the molecular structure and reactivity of organic compounds based on their functional groups. The course provides an introduction to nomenclature, three dimensional structure and physical properties of organic compounds as well as reaction mechanisms and infrared spectroscopy. Although most organic functional groups are discussed, the focus is on the chemistry of alkanes, alkenes, alkynes and alkyl halides. Mechanisms of nucleophilic substitution and elimination reactions of alkyl halides are discussed.
Prerequisites: Minimum grade of C- in either CHEM 102 or CHME 105.

CHEM 263
Organic Chemistry II
3 Credits Weekly (3-3-0)
The nomenclature, structure, physical properties, synthesis and selected reactions of the basic functional groups in organic chemistry are discussed. Functional groups covered include alkenes, alkynes, aromatic compounds, alcohols, phenols, ethers, aldehydes, ketones, amines, carboxylic acids and carboxylic acid derivatives. An emphasis will be placed on understanding the fundamental mechanistic processes behind these chemical transformations. The application of spectroscopic methods for structure determination in simple organic molecules is discussed.
Prerequisites: Minimum grade of C- in CHEM 261.

CHEM 311
Advanced Chemical Analysis
3 Credits Weekly (3-4-0)
This course discusses instrumentation and analytical applications of spectroscopic, chromatographic, and electroanalytical methods. The theory governing each analytical technique and its advantages and disadvantages are discussed. Emphasis is placed on choosing the appropriate method for a particular analysis.
Prerequisites: A minimum grade of C- in one of CHEM 211, CHEM 270, or CHEM 372.

CHEM 320
Introduction to Geochemistry
3 Credits Weekly (3-3-0)
This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and covers topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans. Note: Credit can only be obtained in one of CHEM 320 or EASC 320.
Prerequisites: Minimum grades of C- in a 200-level CHEM *(*p. 680*) course and a 200-level* EASC *(*p. 709*) course.*

CHEM 322
Introduction to Biogeochemistry
3 Credits Weekly (3-3-0)
Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth's system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science. Note: Credit cannot be obtained in both CHEM 322 and EASC 322.
Prerequisites: Minimum grades of C- in a 200-level CHEM *(*p. 680*) course and a 200-level* EASC *(*p. 709*) course.*

CHEM 333
Organometallic Chemistry
3 Credits Weekly (3-3-0)
This course surveys the basic principles of the organometallic chemistry as they apply to metals of the d-block elements and main group metals. Topics include a survey of ligands and coordination chemistry/geometry of transition metals and main group metals. The properties and reactions of organometallic complexes, and applications of organotransition metal compounds in catalysis, organic synthesis, bioinorganic chemistry and medicinal chemistry are reviewed.
Prerequisites: Minimum grades of C- in CHEM 232 and CHEM 263.

CHEM 342
Materials Chemistry
3 Credits Weekly (3-3-0)
This course is about the relationships among processing, structure, properties, performance, applications and sustainability of materials. It covers the materials classed as metal alloys, crystals, glasses, ceramics, plastics and composites. It examines the structural assembling of materials at the macroscopic, microscopic, nanoscopic and atomistic scales of size. The interatomic and intermolecular bonding at play in the assembling of such structures is analyzed. How mechanical, optical, electrical, surface, bonding and catalytic properties arise from the structural assemblage is discussed. Emphasis is placed on the methods of processing chemical substances to manufacture materials with desired structure and properties, as well as on integration of materials in technological devices.
Prerequisites: A minimum grade of C- in CHEM 242, or in CHEM 102 and PHYS 208, or in CHEM 102, MATH 114, and PHYS 224.

CHEM 353
Forensic Chemistry
3 Credits Weekly (3-3-0)
This course examines the theory and practice of forensic chemistry. The course focuses on chemical analytical techniques used for the detection, identification, and comparison of forensic evidence such as illicit drugs, poisons, gunshot residues, fire accelerants, and explosives. The theory of a variety of analytical techniques along with their scope and limitations is embedded in this discussion. The practical application of these techniques is considered with reference to appropriate examples and forensic case studies. This is further reinforced in the laboratory, where students will gain hands-on experience in the use of a range of analytical techniques for the investigation of simulated crime scenarios. The structure and function of forensic chemistry laboratory services and the key issues of cross-contamination and laboratory quality control and quality assurance will be examined.
Prerequisites: A minimum grade of C- in CHEM 261 and either CHEM 211 or CHEM 252.

CHEM 362
Advanced Organic Chemistry
3 Credits Weekly (3-3-0)
This course is designed to build upon the concepts introduced in Chemistry 261 and Chemistry 263, offering a more advanced and sophisticated insight into the physical properties and chemical reactions of organic compounds. A focal point will be the chemistry of carbonyl compounds. Mechanistic understanding of reaction pathways and multistep synthesis of more complex compounds will be emphasized.
Prerequisites: Minimum grade of C- in CHEM 263.

CHEM 364
Introduction to Medicinal Chemistry
3 Credits Weekly (3-0-0)
Students will be introduced to pharmaceutical drug discovery and the pivotal role played by chemistry. The principles and processes involved in modern drug design and development are presented and, throughout, are emphasized by reference to compounds in current clinical usage. Particular emphasis is placed on cancer therapeutics and antiviral agents. Recent advances in the use of computational and combinatorial chemistry in drug design are discussed.
Prerequisites: Minimum grade of C- in CHEM 263.

CHEM 372
Environmental Chemistry
3 Credits Weekly (3-3-0)
The chemistry of natural environmental process and the impact of anthropogenic activity on those processes will be examined. Topics include atmospheric chemistry, including photochemical reactions, ozone depletion and urban air pollution; aquatic chemistry, including complex equilibria, buffering, and oxidation and reduction; and an introduction to sources and fate of organic and inorganic pollutants. In the laboratory, students will gain hands on experience in common methods of environmental testing and remediation. Note: Credit cannot be received for both CHEM 270 and CHEM 372.
Prerequisites: A minimum grade of C- in CHEM 102 and CHEM 261.

CHEM 380
Process and Flow Chemistry
3 Credits Weekly (3-3-0)
This course provides an introduction and training in the different types of chemical and physical methods, and equipment that may be employed in process and flow chemistry. The use and installation of process analytical technology/chemistry is also explored. On-line and in-line monitoring of chemical processes is strongly emphasized, both in the lecture and the laboratory environment.
Prerequisites: A minimum grade of C– in CHEM 211 or CHEM 263.

CHEM 391
Applied Spectroscopy
3 Credits Weekly (3-2-0)
This course focuses on the practical aspects of preparing samples for analysis, collecting and analyzing data, and characterizing organic, inorganic and/or biological compounds. Methods are explored from a theoretical and practical perspective and include infrared spectroscopy, mass spectrometry, and nuclear magnetic resonance. Note: Credit cannot be obtained for both CHEM 291 and CHEM 391.
Prerequisites: A minimum grade of C- in CHEM 263.

CHEM 398
Independent Study
3 Credits Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Any 200-level chemistry course and permission of the department, Faculty mentors may require additional prerequisites according to the project needs.

CHEM 410
Industrial Chemistry
3 Credits Weekly (3-0-0)
An introduction to the principles and practice of industrial chemistry with a special emphasis on modern and emerging chemical technology processes. Selected industrial processes will be discussed, such as the production of primary petrochemicals and their associated secondary products, including polymers, pharmaceuticals, dyes, perfumes, and pesticides. Students will be introduced to the production of such products based on emerging principles of sustainable industrial chemistry. The focus will be on chemical plant design processes, chemo/biocatalysis, biowaste valorization, and pollution control. Principles of green and environmental chemistry and how they impact the United Nations Sustainable Development Goals (UN SDGs) will be emphasized. Students will also learn professional ethics as they relate to chemistry practice. This course includes presentations by guest industrial chemists and tours of chemical plants and industrial laboratories.
Prerequisites: A minimum grade of C- in any 300-level CHEM *(*p. 680*) course.*

CHEM 441
Molecular Modelling
3 Credits Weekly (3-3-0)
This introduction to molecular modelling deals with the application of quantum mechanical methods to compute structural models, molecular and bulk properties of matter, and the mechanisms by which molecules interact and react. Students use up-to-date software to build, render and visualize molecular structures generated with wave function and density functional methods; to compute molecular properties and spectra of substances; to design reaction mechanisms of uncatalyzed and catalyzed reactions, and to compute their associated rate constants. Students devise structural and computational models for acid-base, redox, enzyme and surface reactions relevant to life, environment and technology.
Prerequisites: A minimum grade of C- in CHEM 342.

CHEM 442
Soft Matter Chemistry
3 Credits Weekly (3-3-0)
This course is about the spontaneous formation, preparation, properties, stability, and applications of soft matter. It focuses on the complex and easily deformable structures that emerge in between atomic and macroscopic length scales in solutions of polymers and surfactants, colloids, liquid crystals, granular and soft biological matter. It examines the physical mechanisms of structural assembling and self-organization of molecules to form thin films, micelles, lipid bilayers, vesicles and liposomes under the action of intermolecular and surface forces. Topics include surfaces, charged interfaces, effects of surface tension and curvature on capillarity and wetting, optical, electrokinetic, flow and rheological properties. Emphasis is placed on the applications of soft matter phenomena in petroleum, pharmaceutical, cosmetics and food technologies and products.
Prerequisites: A minimum grade of C- in CHEM 342.

CHEM 464
Advanced Synthetic Medicinal Chemistry
3 Credits Weekly (3-1.5-0)
This advanced medicinal chemistry course examines the application of organic chemistry in the design and synthesis of small-molecule drugs. Students will utilize the principles of the drug discovery process to identify targets for pharmaceutical development and gain an in-depth understanding on how to chemically modify a drug through each stage of the development process. Emphasis will be placed on examining the structure-activity relationship between molecules and their targets, drug delivery, drug modes of action, and the fate of drugs once inside the body.
Prerequisites: A minimum grade of B- in either CHEM 364 or CHEM 362.

CHEM 466
Modern Catalysis
3 Credits Weekly (3-0-0)
This course provides a comprehensive review of current research and practice in the field of modern catalysis. The topics covered include, catalytic design, catalysis and energy, chemical transformations, biocatalysts, and environmental catalysts. The mechanisms by which enzymes operate in living matter and the use of both organic and inorganic catalysts by the chemical industry for the production of bulk chemicals, fine chemicals and fuels will be covered.
Prerequisites: A minimum grade of C- in CHEM 333.

CHEM 472
Advanced Environmental Chemistry
3 Credits Weekly (3-2-0)
This course presents an advanced study of anthropogenic pollutants in the environment. Fate and transport processes of legacy and emerging anthropogenic pollutants, including important physio-chemical processes, such as partitioning, hydrolysis, photolysis and biotransformation, are discussed on both a local and global scale. Understanding of these processes is applied in the context of environmental modeling. In the laboratory, students gain hands on experience with the techniques used to determine the environmental fates of pollutants via investigations of their physio-chemical properties. Credit cannot be received for both CHEM 370 and CHEM 472.
Prerequisites: A minimum grade of C– in CHEM 261 and in either CHEM 270 or CHEM 372.

CHEM 474
Environmental Analytical Chemistry
3 Credits Weekly (3-3-0)
Students will learn the theory and develop practical skills in the quantitative and qualitative analysis of chemicals in the environment. Proper procedures for environmental sampling design will be discussed, followed by a detailed treatment of environmental sampling, extraction, and cleanup techniques. The theory and application of modern analytical techniques will be discussed in the context of environmental monitoring. In the laboratory, students will design and carry out field-based measurements and apply lecture material in a practical setting.
Prerequisites: A minimum grade of B- in CHEM 311, and in one of CHEM 270 or CHEM 372.

CHEM 484
Sustainable and Green Chemistry
3 Credits Weekly (3-0-0)
This course introduces Green Chemistry and examines industrial sources of contaminants and the modification of industrial processes to minimize environmental impact. In addition, the course reviews industrial waste management, control, and treatment. Students will gain an understanding of modern green chemistry which considers both the application and use of the 12 principles of green chemistry and life cycle analysis. In this regard, both the advantages and limitations of the various green chemistry approaches will be examined.
Prerequisites: A minimum grade of C- in any 300-level CHEM *(*p. 680*) course and permission of the department.*

CHEM 495
Special Topics
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics in chemistry. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Physical Sciences for details regarding current offerings. Note: This course is intended for students in the final year of their degree. This course may be taken up to two times for credit.
Prerequisites: A minimum grade of B- in a 300-level CHEM *(*p. 680*) course and permission of the department.*

CHEM 496
Techniques in Applied Laboratory Chemistry
3 Credits Weekly (0-6-0)
This is a laboratory-based course focusing on techniques utilized in a research or industrial laboratory setting. Students will gain an understanding of the theory and application of modern experimental methods and build practical skills through project-based applications. The specific topics covered will vary with the interests of the faculty member teaching the course, and students should consult with the Department of Physical Sciences for details regarding current offerings. Note: This course may be taken up to two times, provided the topic of the course is different.
Prerequisites: A minimum grade of B- in a 300-level chemistry course and consent of the department.

CHEM 497
Chemistry Internship Practicum
3 Credits Total (45-0-90)
This course provides students with practical experience in a chemistry related work environment. Students engage in work integrated learning through employment or internship at a chemistry-related industry. Students learn in practice the professional aspects (work and ethics) of a chemist. At the end of the placement, students provide a presentation to demonstrate the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement. This course may be taken two times for credit. All placements require departmental approval.
Prerequisites: A minimum grade of C- in 6 credits of any 300 level CHEM *(*p. 680*) courses and consent of the Department.*

CHEM 498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of B- in a 300-level CHEM *(*p. 680*) course, a minimum grade of C- in SCIE 201, and permission of the department; faculty mentors may require additional prerequisites according to the project needs.*

Earth and Planetary Sciences Courses

EASC 101
Introduction to Physical Science
3 Credits Weekly (3-3-0)
Learn how the Earth formed and evolved through time! We'll explore how minerals and rocks form and change, what causes volcanoes and earthquakes, how faults and folds form, and how plate tectonics affects it all. In the lab, you'll learn how to identify different minerals and rocks, how to interpret topographic and geologic maps, and learn more about geologic time and earthquakes.

EASC 102
Introduction to Environmental Earth Science
3 Credits Weekly (3-3-0)
The Earth is changing in many ways all the time, and right now it's changing rapidly. Learn about different Earth systems such as energy pathways, the atmosphere, the hydrosphere, and the cryosphere and how they all interact with each other and affect climate. In this course, the global energy budget and major energy pathways, the Earth's patterns of weather systems and their impact on temperature, precipitation, moisture and winds are covered. Atmospheric and oceanic circulation systems and their effect on the global environmental system are discussed. Components of the atmosphere and their interactions to create weather and climate are also topics dealt with in this course, including paleoclimates and anthropogenic climate change. The hydrologic cycle and local water balance calculations are examined, extending to discussions on groundwater, river systems and the cryosphere. The description and development of soils and human impact on soils are discussed.

EASC 206
Geology of the Solar System
3 Credits Weekly (3-0-0)
This course demonstrates how information gleaned from both manned and robotic space missions, as well as astromaterials available for direct study, are used to gain an understanding of the geology of our Solar System. Geological processes that were, and continue to be, active in the Solar System are examined with a special emphasis on impact cratering. The similarities and differences in the geology of planets, how these relate to the origin and evolution of the Solar System, and their implications for the search for life are also investigated.
Prerequisites: A minimum grade of C- in EASC 101 or ASTR 120.

EASC 219
Mineralogy
3 Credits Weekly (3-3-0)
This course employs a theory and lab-oriented approach to understanding mineralogy. Topics include mineral origin and formation, classification and crystallography. Hands-on mineral identification will be undertaken in the labs with a focus on major rock forming minerals, such as the silicates. The opportunity to examine rare meteorites in thin section will also be provided. Students will be assigned their own petrographic microscope for use during the term, with an additional lab designed to utilize the Raman spectrometer. A field trip to the Royal Alberta Museum will be conducted during the term.
Prerequisites: Minimum grade of C- in EASC 101.

EASC 221
Introduction to Geographic Information Systems
3 Credits Weekly (3-3-0)
This course provides a theoretical and practical introduction to Geographic Information Systems (GIS) as applied to geologic and environmental sciences. Lectures combine an overview of the general principles of GIS with a theoretical treatment of the nature and analytical use of spatial information. Laboratories impart the technical aspects through hands-on experience with appropriate software.
Prerequisites: A minimum grade of C- in one of EASC 101, EASC 102, or ANTH 206.

EASC 225
Introduction to Geomorphology
3 Credits Weekly (3-3-0)
This course introduces students to geomorphology - the study of landforms and landscape-shaping processes. Fluvial, glacial, periglacial, slope, and aeolian landforms and processes are examined. A special emphasis is placed on Alberta's landscape and the geomorphology of the Late Cenozoic, especially the Quaternary Period. Central to this course is fieldwork in Edmonton's river valley.
Prerequisites: Minimum grades of C- in EASC 101 and EASC 102.

EASC 226
Introduction to Soil Science
3 Credits Weekly (3-3-0)
This course examines the fundamental aspects of soil formation and soil occurrence in natural landscapes. Physical, chemical, mineralogical, and biological properties of soils are emphasized, and how these properties relate to plant growth and environmental quality. Identification of soils is practiced and estimates of their performances in both natural and agricultural ecosystems are analyzed. Note: A 100-level chemistry course is strongly recommended.
Prerequisites: Minimum grade of C- in EASC 100, EASC 101, EASC 102 or ANTH 206.

EASC 230
Invertebrate Paleontology
3 Credits Weekly (3-3-0)
This course addresses principles and problems associated with paleontology in areas such as origin of life, evolution, mass extinction, paleoecology, functional morphology, biogeography and biostratigraphy. There is a systematic coverage of invertebrate fossils, including microfossils, Porifera, Cnidaria, Brachiopoda, Bryozoa, Mollusca, Echinodermata, and Arthropoda. Labs promote recognition of fossils and their attributes.
Prerequisites: Minimum grade of C- in EASC 101 or EASC 103.

EASC 238
Geology of Natural Resources
3 Credits Weekly (3-0-0)
This course consists of the geological study of the major types of economically important metallic and nonmetallic ore minerals and energy resources. Basic processes which form and concentrate these materials in the Earth are examined. Various methods of exploration and mining of the resources are detailed. Alberta's coal and petroleum resources are emphasized. Environmental effects of the production and use of mineral and energy resources are discussed.
Prerequisites: Minimum grade of C- in EASC 101.

EASC 240
Sedimentology and Stratigraphy
3 Credits Weekly (3-3-0)
Focusing on the production, transport, and deposition of sediment, this course explores sedimentary depositional environments, processes, controls, and structures. The course further examines stratigraphic relationships between sediments (including litho-, bio-, chemo-, and chrono-stratigraphic approaches), and facies analysis – the examination and interpretation of sedimentary characteristics that reflect specific environmental conditions under which a given material was deposited or formed. Course topics include the environmental controls on sediment generation, transport, and deposition; properties and classification of clastic, carbonate and evaporitic sediments and rocks; sequence stratigraphy, correlation, and facies analysis; tectonic development of sedimentary basins; hydrocarbon formation and generation; and the interface between sedimentary processes and environmental contamination and rehabilitation. The subsurface characterization of the Western Canada Sedimentary Basin will be introduced as part of this course. In laboratory sections, students will identify characteristics of common sedimentary facies, describe and classify sedimentary rocks in hand specimen, map and correlate sedimentary units, and create stratigraphic sections.
Prerequisites: Minimum grade of C- in EASC 101 and in EASC 102.

EASC 270
The Atmosphere
3 Credits Weekly (3-0-0)
This course provides an introduction to atmospheric science, weather, and climate. Topics include the composition and vertical structure of the atmosphere, humidity and clouds, atmospheric dynamics, circulation, weather systems, weather forecasting and maps, atmospheric boundary layer, and climate dynamics. Training for reading and interpreting weather maps, and modeling atmospheric processes is provided. Note: MATH 114 is recommended.
Prerequisites: A minimum grade of C- in any 100-level EASC (p. 709)*,* CHEM (p. 680)*, or* PHYS (p. 810)*, or in either BIOL 107 or BIOL 108.*

EASC 271
The Oceans
3 Credits Weekly (3-3-0)
Covering nearly three quarters of the Earth's surface, the oceans play a fundamental role in the Earth system. This course provides an overview of the discipline of oceanography, as well as highlighting the importance of the oceans within a global context. The course examines the physical, chemical, biological, and geological properties of the oceans. Topics include the origins of the oceans, the physical and chemical properties of seawater, water mass structure and chemistry, the physical structure of ocean basins and marine provinces, ocean circulation, wave and tide dynamics, ocean sediments and sedimentary records, biological oceanography and primary productivity, and the role of, and consequences for, the oceans in a changing climate. Furthermore, relevant methods in oceanographic research and data analysis are discussed and applied within the laboratory component of this course. Emphasis is placed on the interdisciplinarity of oceanography, alongside the linkages of the oceans to other spheres of planet Earth, including the atmosphere, biosphere, hydrosphere, and cryosphere. EASC 271 includes an optional field trip to a coastal area.
Prerequisites: A minimum grade of C- in either EASC 102 or EASC 103.

EASC 320
Introduction to Geochemistry
3 Credits Weekly (3-3-0)
This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and covers topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans. Note: Credit can only be obtained in one of EASC 320 or CHEM 320.
Prerequisites: Minimum grades of C- in a 200-level EASC *(*p. 709*) course and a 200-level* CHEM *(*p. 680*) course.*

EASC 321
Structural Geology and Tectonics
3 Credits Weekly (3-3-0)
The globe has been shaped by enormous forces that have created mountains and oceans and destroyed continents. In this course, students will learn to interpret geologic maps and cross sections, calculate the stress and strain involved in creating faults, folds, and joints, as well as those involved in orogenies, rift formation, and other crustal tectonics.
Prerequisites: Minimum grades of C- in one of EASC 225 or EASC 240 and in one of PHYS 124 or PHYS 144.

EASC 322
Introduction to Biogeochemistry
3 Credits Weekly (3-3-0)
Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth's system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science. Note: Credit cannot be obtained in both CHEM 322 and EASC 322.
Prerequisites: Minimum grades of C- in a 200-level EASC *(*p. 709*) course and a 200-level* CHEM *(*p. 680*) course.*

EASC 324
Quaternary Environments
3 Credits Weekly (3-3-0)
This course offers an introduction to the Quaternary Period. It provides a broader context for studying modern environmental phenomena and delivers an overview of the key techniques and proxies used in reconstructing Quaternary environmental histories. The course situates the Quaternary within a broad history of Earth's climate, discussing Quaternary glaciations and conditions during and since the last Ice Age in detail. This course also reviews the methodologies used to reconstruct past conditions, focusing on how these methods are used as windows into the past. The course concludes with the detailed examination of several Canadian case studies using the latest research and environmental reconstructions, such as (but not restricted to) the glaciation and deglaciation of Alberta; Quaternary environmental change in the Canadian Arctic Archipelago; and the paleoenvironments of Beringia. The laboratory classes give hands-on experience with basic environmental reconstruction methodologies.
Prerequisites: Minimum grade of C- in one of EASC 208, EASC 225 or ANTH 206.

EASC 330
Igneous, Sedimentary, and Metamorphic Petrology
3 Credits Weekly (3-3-0)
This course highlights Earth's chemistry, the chemistry of minerals, the chemistry of rocks in different environments, and physical processes in the context of mineral stability and different rock chemistry. There are three main regimes in which rocks form: igneous (from a molten rock material that originated in the interior of the Earth), sedimentary (from weathering of rocks on the Earth's surface and lithification of loose sediment), and metamorphic (when rocks get exposed to different temperature/pressure regimes within the Earth). Hands-on laboratory exercises provide professional skills for complete mineral and rock identification, and interpretation of rock textures using hand lens, petrographic microscope, and chemical analyses.
Prerequisites: A minimum grade of C- in EASC 219.

EASC 334
Remote Sensing
3 Credits Weekly (3-3-0)
Satellite imagery is being used more and more frequently to assess everything from oil spills to fire hazards, from mining potential to archaeology, from water on Mars to methane lakes on Titan. In this course, students learn to analyze and interpret images from several different satellite and airborne instruments for applications in geology, environmental studies, urban planning, mining, archaeology, forestry, and planetary science.
Prerequisites: A minimum grade of C- in EASC 221, EASC 225, or ANTH 206.

EASC 373
Anthropogenic Climate Change
3 Credits Weekly (3-0-0)
This course provides an advanced examination of the natural physical processes that have driven the global climate system in the past and present. It focuses in particular on how humans are interfering with the climate system and the potential future consequences. It further provides an introduction to simple on-line computer models of the climate system.
Prerequisites: Minimum grade of C- in EASC 208 or EASC 270.

EASC 375
Paleoclimatology
3 Credits Weekly (3-0-0)
This course provides an extensive overview of the methods used in paleoclimate research and an in-depth examination of important climate events since the Late Proterozoic, with a concentration on the Late Mesozoic and Cenozoic. Aspects of creating paleoclimate reconstructions, climate effects on geological and biological processes, and the modeling of present climate and extrapolation to past and future climates are emphasized.
Prerequisites: A minimum grade of C- in EASC 324, or in both EASC 270 and one of EASC 101, EASC 103, or EASC 208.

EASC 398
Independent Study
3 Credits Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum of one 200-level course in EASC *(*p. 709*) and permission of the department; faculty mentors may require specific prerequisites according to the project needs.*

EASC 406
Planetary Materials
3 Credits Weekly (3-0-0)
A fundamental goal of planetary science is to understand the timing and process by which our solar system formed and evolved. Planetary materials - meteorites, interplanetary dust particles and returned sample missions including Apollo, Hayabusa and Stardust - provide us with tangible samples from the vast reaches of our solar system from which high-precision analytical measurements can be made. In this course, we will explore the earth's current inventory of planetary materials, with a focus on their mineralogy, petrology and geochemistry, with the goal of gaining insights derived from their study.
Prerequisites: Minimum grade of C- in EASC 219 and EASC 206 and a B- in any 300-level EASC *(*p. 709*) course, or a minimum grade of B- in EASC 320.*

EASC 409
Geology of Western Canada
3 Credits Weekly (3-0-0)
This course presents an overview of the geology in Western Canada. This course will cover the rich history of marine life, mountain building, vast river networks, and glaciation that has shaped the western landscapes. Geological processes of mountain building and past and present landscape evolution are emphasized. In addition, the economic resources that formed as a result of these geologic processes will be addressed. Important paleontological sites will be described and their history outlined. The National Parks within Western Canada will be examined in context of their geology and formation, describing why they are important regions to conserve. Students can only receive credit for one of EASC 209 and EASC 409.
Prerequisites: Minimum grades of C- in each of EASC 219, EASC 240, and EASC 321, or consent of the department.

EASC 495
Special Topics
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics in Earth and Planetary Science. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Earth and Planetary Science area for details regarding current offerings. Note: This course is intended for students in the final year of their degree. This course may be taken twice for credit.
Prerequisites: Minimum grade of B- in a 300-level EASC *(*p. 709*) course and permission of the department.*

EASC 498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of B- in a 300-level EASC *(*p. 709*) course and permission of the department; faculty mentors may require specific prerequisites according to the project needs.*

Physical Sciences Courses

PHSC 200
Physical Science Field Skills
3 Credits Total (18-80-0)
This course is an introduction to field work in the areas of physics, chemistry and Earth and planetary science, which together constitute the Physical Sciences. It involves classroom field preparation in Edmonton, work in the field on the Big Island in the Hawaiian Island chain, and sample analysis and working up the data back in Edmonton. The course concludes with the submission of a final written report. The skills that the participants acquire in this course include mapping of geological features, reproducible sampling procedures, field note taking, strike and dip measurements, the use of star charts and sextants to locate constellations and stars, measurements and observations with a telescope and the analysis of water and air samples.
Prerequisites: Consent of the Department.

Physics Courses

PHYS 124
Physics for Life Sciences I
3 Credits Weekly (3-3-0)
This is an algebra based physics course on motion of matter intended for students in life and medical sciences. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies and simple harmonic motion. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine. NOTE: Physics 30 is strongly recommended. Credit can only be obtained in one of PHYS 108, PHYS 124, PHYS 144, or ENPH 131.
Prerequisites: Mathematics 30-1 and Physics 20.

PHYS 126
Physics for Life Sciences II
3 Credits Weekly (3-3-0)
This course is an algebra-based physics course on electromagnetism intended for students in life and medical sciences. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction and alternating current circuits. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine. NOTE: Credit can only be obtained in one of PHYS 109, PHYS 126, or PHYS 146.
Prerequisites: A minimum grade of C- in PHYS 124.

PHYS 130
Wave Motion, Optics and Sound
3.8 Credits Total (45-18-0)
This is a calculus based course intended for engineering students. Topics include spherical mirrors, thin lenses, simple harmonic motion, wave motion, interference, sound waves, light waves and diffraction. Note: Restricted to Engineering students.
Prerequisites: Mathematics 30-1, Mathematics 31 and Physics 30.

PHYS 144
Mechanics
3 Credits Weekly (3-3-0)
This is a calculus based physics course intended for students in the physical sciences or for students who completed physics in high school. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies and simple harmonic motion. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations. NOTE: Credit can only be obtained in one of PHYS 124, PHYS 144, or ENPH 131.
Prerequisites: Mathematics 31, Mathematics 30-1, and Physics 30.

PHYS 146
Electromagnetism
3 Credits Weekly (3-3-0)
This is a calculus-based physics course on electromagnetism intended for students in physical sciences or for students who completed physics in high school. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction and alternating current circuits. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations. NOTE: Credit can only be obtained in one of PHYS 126 or PHYS 146.
Prerequisites: A minimum grade of C- in PHYS 144.

PHYS 200
Introduction to Relativity
3 Credits Weekly (3-0-0)
If you're curious about what Einstein's famous equation E=mc^2 actually means, or how you could end up twenty years older than your twin, then this is the course for you! We'll learn how Einstein's special theory of relativity addresses the limitations of classical physics, including time dilation and length contraction in fast-moving reference frames, the twin paradox, the Doppler effect, and conservation of relativistic momentum and energy. We'll finish off by discussing curved spacetime and black holes as a brief introduction to the general theory of relativity. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in one of PHYS 126 or PHYS 146, and one of MATH 114, MATH 120, or MATH 125.

PHYS 208
Quantum Aspects of Physics
3 Credits Total (45-18-0)
Quantum mechanics gives us some of the strangest phenomena in physics, but its principles are actually behind the technology we use every day (think computers, lasers, and LED lights). In this course, we'll examine the experimental evidence that led to the development of quantum mechanics, including the photoelectric effect, blackbody radiation and electron diffraction. We'll then introduce the Heisenberg uncertainty principle and the Schrödinger equation to describe simple harmonic oscillators, quantum tunneling, atomic spectra, and the hydrogen atom. The course's laboratory component puts us in the role of early 20th century physicists gathering evidence to demystify the strangeness of these phenomena!
Prerequisites: Minimum grades of C- in MATH 114 and one of PHYS 126 or PHYS 146.

PHYS 224
Fluids and Heat
3 Credits Total (45-18-0)
Why can we see our breath when we exhale outside on a cold winter day? In this course, we'll learn about the properties of fluids and the thermal properties of matter. We'll cover topics including buoyancy and hydrostatic pressure, temperature, thermal expansion, heat and energy transfer, the kinetic theory of gases, and the ideal gas law. The course's laboratory component lets us warm up to these topics further as we investigate the behaviour of fluids and the thermal properties of solids, liquids, and gases. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in one of PHYS 126 or PHYS 146 and in one of MATH 114, MATH 120, or MATH 125.

PHYS 226
Optics and Sound Waves
3 Credits Total (45-18-0)
Ever wonder why putting on a pair of glasses can bring the world into focus? Interested in learning how flutes and other wind instruments work? In this course, we'll learn how wave mechanics governs these behaviours. We'll study mechanical and sound waves, simple harmonic motion, and geometric optics, including applications like microscopes, telescopes, Doppler radar, spectrometers, holograms, seismic waves, and molecular vibrations. The course's laboratory component will let us see and hear how waves behave as they propagate and interact with their environment. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in PHYS 126 or PHYS 146, and in one of MATH 114, MATH 120, or MATH 125.

PHYS 242
Physics of Planetary Exploration
3 Credits Weekly (3-0-0)
What would it take to travel to Mars? In this course, we'll study the physical principles that govern the design of interplanetary missions within the solar system, using Newton's universal law of gravity and Kepler's laws of planetary motion to understand transfer orbits between planets and to their satellites (natural and human-made!). We'll also discuss past, present, and future space missions, and the operating principles of spacecraft instrumentation and sensors. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.

PHYS 244
Mechanics
3 Credits Weekly (3-0-0)
This course expands on first-year mechanics, examining oscillating systems, normal modes, conservative forces, and energy. Lagrangian and Hamiltonian dynamics are introduced, including variational calculus, Hamilton's Principle, generalized coordinates, constraints, Lagrange multipliers, the Hamiltonian, conservation laws, and Hamiltonian dynamics. Further topics include central forces, orbital motion, and scattering. Note: It is recommended that MATH 115 be taken concurrently with, or prior to taking this course.
Prerequisites: Minimum grades of C- in one of PHYS 126 or PHYS 146, and MATH 114, and MATH 120 or MATH 125.

PHYS 250
Introduction to Biophysics
3 Credits Weekly (3-0-0)
Why can't chickens fly? How does a 3-metre long strand of DNA fit into a 100-micrometre wide cell? In this course, students apply physical principles learned in first-year physics to study life, from the atomic level to cellular and organism scales. Topics include biomechanics with an introduction to kinesiology, transport of energy and materials in biological systems with an introduction to diffusion and motion in dissipative media, bio-fluid with an introduction to the cardiovascular system, the elastic properties of biological material and biopolymers like DNA, and the electric properties of biomaterial with an introduction to the nervous systems. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in one of PHYS 126, PHYS 146, or CHEM 102, and one of MATH 114, MATH 120, or MATH 125; BIOL 107 is recommended.

PHYS 252
Physics of the Earth
3 Credits Weekly (3-0-0)
What can we learn about our planet from an earthquake, a meteorite impact, or an explosion? How can we use the basic concepts of physics to explain complicated planetary processes that shape the earth? In this course, we'll learn how to apply basic mechanics, electricity and magnetism, waves, and/or thermodynamics principles to the physical processes that guide more complex studies in geophysics, geomagnetism, atmospheric physics, and oceanography. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in PHYS 126 or PHYS 146, and in EASC 101, and one of MATH 114, MATH 120, or MATH 125.

PHYS 261
Physics of Energy
3 Credits Weekly (3-0-0)
This course first identifies the various forms of energy consumed by modern society. The conversion of energy is traced from natural resources to usable forms considering both the fundamental laws of thermodynamics and the practical concerns of cost and environmental consequences. Next, the benefits and drawbacks of non-renewable energy sources such as fossil fuels and nuclear power are discussed and compared to renewable sources such as hydroelectric and solar power. Finally, the development of alternative energy resources is discussed.
Prerequisites: Minimum grade of C- in one of PHYS 109, PHYS 126 or PHYS 146.

PHYS 301
Nuclear Physics
3 Credits Weekly (3-0-0)
This course is a study of the fundamental nuclear properties, the shell model, the collective model, stability of nuclei, isotopes, radioactive decay, nuclear reactions, kinematics, conservation laws, nuclear fission and fusion, nuclear reactors, particle accelerators, detectors, a brief introduction to particle physics and the Standard Model. The course also includes applications such as carbon dating, tracer techniques, cancer therapy and connections to astrophysics.
Prerequisites: Minimum grade of C- in PHYS 208 and MATH 115.

PHYS 302
An Introduction to Particle Physics
3 Credits Weekly (3-0-0)
What is the Universe made of at its smallest scale? From the humble electron to the massive Higgs boson, we follow the progress of the Standard Model as it classifies the myriad subatomic particles by their interactions and symmetries. Students apply the techniques of quantum mechanics and Feynman diagrams to calculate the properties of matter.
Prerequisites: A minimum grade of C- in PHYS 200, PHYS 208, and MATH 115.

PHYS 308
An Introduction to Semiconductors and Superconductors
3 Credits Weekly (3-0-0)
This course builds on PHYS 208 to provide students with a detailed understanding of the behaviour of condensed matter arising from the quantum nature of many particle systems at the microscopic level. Starting with probability distribution functions for classical thermodynamic systems, the theory is extended to quantum mechanical systems leading to a description of lasers. These tools allow the construction of models that explain the features of inter-atomic bonds, molecular spectra and the emergent properties of solids such as electrical conductivity, semiconductivity and superconductivity.
Prerequisites: Minimum grades of C- in PHYS 208 and MATH 115.

PHYS 320
Origin of the Elements
3 Credits Weekly (3-0-0)
Biology, chemistry, and earth sciences all study processes involving chemical reactions. But where do we get the elements in atoms, molecules, and compounds? This course studies the origin and evolution of the matter in the universe. Based on the current theories, the universe started with the Big Bang, created lighter elements such as hydrogen, helium, and lithium at early stages. The transmutation of these elements into heavier forms is then traced by examining the gravitational collapse of interstellar clouds that leads to stellar formation. The endpoint of this sequence, namely the production of new elements (nucleosynthesis) at the cores of stars and as a result of supernova events is discussed. During the course we also examine the suitable environments where the interaction of atomic material leads to the formation of complex compounds, molecules, and even the fundamental building blocks of life. Note: ASTR 122 is recommended.
Prerequisites: Minimum grade of C- in any one of PHYS 208, 224, 244, and in MATH 115 and CHEM 102.

PHYS 324
Origins of Planetary Systems
3 Credits Weekly (3-0-0)
Are we alone in the universe? If not, how would we know? This course focuses on discovery methods for extrasolar planets, how the Earth and the other planetary bodies in our solar system were formed, and compares the planets in our solar system with those planets found around other stars in the Milky Way galaxy. During this course, three compelling questions will be addressed: "How common are Earth-like planets, are other planetary systems similar to ours, and what types of extrasolar planets would be suitable for life ?"
Prerequisites: A minimum grade of C- in PHYS 224 or PHYS 244, or in both EASC 206 and MATH 114.

PHYS 330
Statistical Mechanics and Thermodynamics
3 Credits Weekly (3-0-0)
This course develops the laws of thermodynamics from a statistical perspective. Assuming a simple model for small-scale interactions between individual particles, the statistical representation of systems with a large number of such particles is constructed using simple probability theory. The rules governing how such systems evolve with time are discussed in terms of how they lead to the laws of thermodynamics. Additional applications of these tools is also discussed. Note: completion of PHYS 244 is recommended before taking this course.
Prerequisites: A minimum grade of C- in MATH 115, PHYS 208, and PHYS 224.

PHYS 332
Computational Physics
3 Credits Weekly (3-3-0)
This course introduces students to computational techniques used in physics. Topics include basic computational principles, differentiation and integration, ordinary and partial differential equations, matrix manipulation, variational techniques and stochastic methods, with application to physical systems in mechanics, heat and thermodynamics, waves, electromagnetism, quantum mechanics, condensed matter, geophysics, and biophysics.
Prerequisites: Minimum grades of C- in MATH 115 and any two of PHYS 208, PHYS 224, PHYS 226, PHYS 244, PHYS 250, or PHYS 252.

PHYS 372
Quantum Mechanics
3 Credits Weekly (3-0-0)
How do the foundational ideas of quantum mechanics blossom into the formal equations that physicists use to describe atomic systems? This course begins with the wave function and its physical interpretation. The Schrödinger equation is solved for free particles and one-dimensional potentials. Once the model becomes highly developed, solutions are extended to three-dimensional systems with orbital angular momentum. Practical applications of quantum mechanics are discussed. Course changed from PHYS 472.
Prerequisites: Minimum grades of C- in MATH 115 and one of PHYS 208, PHYS 224, or PHYS 244.

PHYS 390
Advanced Physics Laboratory
3 Credits Weekly (0-4-0)
This laboratory course introduces students to advanced experiments and analytical methods in physics. Methods of experimental design, experimental techniques, and error analysis are discussed. Students apply these methods to experiments selected from classical and modern physics.
Prerequisites: Minimum grades of C- in PHYS 208 and in one of PHYS 200, PHYS 224, PHYS 226, PHYS 244, PHYS 250, or PHYS 252.

PHYS 398
Independent Study
3 Credits Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHYS 495
Special Topics in Physics and Astrophysics
3 Credits Weekly (3-0-0)
In this course, students examine one or two topics of specialization in physics and/or astrophysics in-depth. Topics can vary with the interests of students and the instructor. Consultation with the department is required prior to registration.
Prerequisites: Consent of the department.

PHYS 498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit. Consent of Department required.

Political Science - Bachelor of Arts

Overview

You are passionate about engaging with the complex and contested issues that societies and governments face, and you understand the important role politics plays in creating and resolving them. In this discipline, you will gain insight into the political process and how political systems work. You will take part in debates, discussions, and team-oriented academic activities and have the opportunity to strengthen your skills outside the classroom by participating in MacEwan University's award-winning Model United Nations club. The program will sharpen your critical thinking, research, and communication skills to prepare you for careers in law, diplomacy, public policy, non-governmental sector management, journalism, and more. At the end of the program, you will have the knowledge and skill sets to think critically, but not cynically, about how competing interests are reconciled and collective decisions are made in Canada and around the world.

Contact Information

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Room 6-211, City Centre Campus
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The Bachelor of Arts

Faculty of Arts and Science
MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉
Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉

Planetary Physics	◉
Statistics	◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3
Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options

CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options

HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth

THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

Political Science Requirements

Political Science Major (p. 459)

Political Science Honours (p. 459)

Political Science Minor (p. 460)

Political Science Major

The Bachelor of Arts (BA) in Political Science program requires students to complete 120 credits of non-duplicative coursework. In addition to the Political Science Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Arts major

Students are required to complete option courses as well as the major(s) and minor(s). All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Political Science Major is 42 to 60 non-duplicative political science credits with a minimum of 36 credits at the senior-level. Students must complete a minimum of 18 POLS credits at the 300-level or 400-level with a minimum of six POLS credits at the 400-level, including POLS 490. Students can complete up to 6 credits of AEPS or URBW to fulfill the General Major Requirements.

POLS 221 and POLS 261 cannot be used to fulfill the senior-level POLS requirement.

Bachelor of Arts - Political Science Major

Code	Title	Credits
Specific Major Requirements		
POLS 101	Introduction to Politics	3
POLS 200	Comparative Political Systems	3
POLS 214	History of Political Thought I	3
POLS 215	History of Political Thought II	3
POLS 224	Canadian National Government I	3
POLS 225	Canadian National Government II	3
POLS 244	Introduction to Policy Studies	3
POLS 264	Introduction to Global Politics	3
POLS 389	Introduction to Qualitative Research Methods	3
or POLS 399	Empirical Research Methods in Political Science	
POLS 490	Advanced Study in Political Science	3
General Major Requirements		
Choose 12 to 30 credits from junior-or senior-level POLS, AEPS, or URBW with a minimum of 15 POLS credits at the 300-level or 400-level including a minimum of three POLS credits at the 400-level. Students may complete a maximum of 6 credits of AEPS or URBW.		12-30
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Political Science Honours

The Bachelor of Arts (BA) Political Science Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Political Science Honours program is comprised of 36 credits designated as Specific Honours Requirements (including a 6-credit thesis course), 27 Honours Options, and 57 Options courses taken from outside POLS. Students can complete up to 6 credits of AEPS or URBW to fulfill the General Honours Requirements.

For consideration of admittance/acceptance into Political Science Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six POLS credits completed at the senior-level
4. A minimum GPA of 3.3 across all senior-level POLS courses

Students accepted and enrolled in the Political Science Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all senior-level POLS courses for each 12 consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA Political Science Major.

Students have the option of completing a minor within the requirements of the Political Science Honours program. Minors are comprised of 18 senior-level credits that are counted with the Options. All BA degrees, including Honours, require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, minor(s), or options.

Bachelor of Arts - Political Science Honours

Code	Title	Credits
Specific Honours Requirements		**36**
POLS 101	Introduction to Politics	3
POLS 200	Comparative Political Systems	3
POLS 214	History of Political Thought I	3
POLS 215	History of Political Thought II	3
POLS 224	Canadian National Government I	3
POLS 225	Canadian National Government II	3
POLS 244	Introduction to Policy Studies	3
POLS 264	Introduction to Global Politics	3
POLS 399	Empirical Research Methods in Political Science	3
POLS 490	Advanced Study in Political Science	3
POLS 499A	Honours Thesis I	3
POLS 499B	Honours Thesis II	3
General Honours Requirements		
Choose 27 credits from senior-level POLS, AEPS, or URBW courses with a minimum of 12 POLS credits at the 300- or 400-level and a minimum of 3 POLS credits at the 400-level. Students may complete a maximum of 6 credits of AEPS or URBW.		27
Options (may include a minor (18 credits))		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		57
Total Credits		**120**

Political Science Minor

The Political Science Minor requires 18 senior-level POLS, AEPS, or URBW credits. This must include a minimum of nine credits at the 200-level and a minimum of nine credits at the 300- or 400-level, with a maximum of three credits in AEPS or URBW. POLS 221 and POLS 261 cannot be used to meet the minor requirements. Junior-level POLS 101 is not part of the Political Science Minor but may be a prerequisite for required minor courses. Note that 300- or 400-level courses in POLS often require multiple 200-level prerequisites.

Code	Title	Credits
Minor Requirements		
Choose 9 credits from 200-level POLS, and 9 credits from 300- or 400-level POLS. Students can substitute 3 credits of 300- or 400-level AEPS or URBW for POLS.		18
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Political Science Major Program Learning Outcomes

Political science students are trained to approach their understanding of the world with reflexivity and openness. Political Science in particular

emphasizes the use of analytical concepts, theories, and models to make sense of complicated real-world issues – whether these issues are found in Canada or around the world. The tools used by Political Scientists help order facts and information about the world in a comprehensible and methodologically rigorous way.

Political Science itself is not monolithic and comprises a number of interrelated subfields, each focusing on a different subsection of the political world. Students who complete the degree will obtain a broad understanding of the discipline of Political Science and its related subfields, including: Political Philosophy, Canadian Politics, Comparative Politics, and International Relations.

The foundational knowledge that is required to make sense of complex, real-world issues begins in the lower-level 100 and 200 level courses. In these early year courses, students are taught the analytical and theoretical tools needed to apply general knowledge to case and issue specific areas (300 and 400 level courses). Akin to learning a common language, graduates learn the 'theoretical language' that enables them to engage in meaningful discussions about the nature of politics across the discipline and various stakeholders in the political world – ranging from government, non-government, and other third parties.

PLO 1 – General and Specific Knowledge
The basis of a degree in Political Science is found in the cultivation of knowledge and understanding. Thus, a degree in political science begins with the assumption that it is insufficient to simply 'know' facts – one must know what to do with these facts first and foremost. As Martin Hollis notes, "without adequacy on the level of meaning, our generalisations remain mere statements of statistical probability, either not intelligible at all or only imperfectly intelligible" (Hollis, 183, 2002). Understanding is based on a foundation of knowledge as well as an appreciation for both how information is generated and how it can, and should, be contextualized. Not merely an academic exercise, uncovering the normative underpinnings of the every day yields insights into the hidden processes and legacies of policies that comprise one's daily life. Graduates learn to identify these, often, hidden processes that help make up every day and to question things that are, at times, taken for granted.

The political science degree equips students with both a general understanding of how the world works, but also an in-depth understanding of a limited number of real-world issues and cases. Thus, while the political science degree builds general knowledge, it also encourages specialization as well, particularly through the Honours programme. Above all, students in political science learn that they are connected to a much larger world in ways that they would otherwise not be aware.

PLO 2 – Reflexivity
A key aspect of the cultivation of knowledge is not simply the learning of theories, concepts and models, but rather the cultivation of reflexivity. To this end, by expanding the scope of their knowledge and awareness of issues, students also develop an awareness of the limits of their knowledge. Broadly speaking this involves the development of tools to critically self-assess and self-evaluate one's own knowledge. By extension, students learn to develop new and novel ways to expand their understanding of real-world issues not only by learning which questions need to be asked but how to ask questions in the first place. In learning how to ask questions, a degree in political science cultivates curiosity and appreciation of the complexity of the "every day." Thus, the political science degree is not just about expanding their knowledge but also cultivating an appreciation for the political world, by learning what the limits of their knowledge are and how to push those limits.

In so doing, students cultivate a curiosity that continuously aims to challenge their own worldview and understanding. The Political Science degree encourages the development of these skills not just in the subject matter taught, but in the collaborative environment in which learning takes place.

PLO 3 – Tools to Address Real World Problems
It is not sufficient to simply pose questions, one must be able to answer them as well. As such, the Political Science degree emphasizes methodological diversity. Students learn to conduct empirical research, utilizing both positivist and non-positivist approaches, in order to both explain and understand political events. Through specialized methods training, graduates learn how to approach questions from different angles and learn that there may be multiple solutions to a single problem – depending on the angle that they take. This holistic, and academically rigorous, approach to understanding is vitally important not just for making sense of political events, but for offering novel solutions as well.

PLO 4 – Communication and Engagement
Like most degrees, Political Science emphasizes both written and oral communication skills. Political Science graduates are frequently communicating directly with policy-makers and stakeholders in the political world. The Political Science degree, therefore, trains students to be able to articulate their understanding to a wide range of audiences. In doing so, students come to recognize that people interact, understand, and relate to the world differently depending upon their own backgrounds and experiences. Students learn how to communicate their understanding of the world in a way that is appreciable to people from diverse backgrounds who are not interpreting events from the same frames of reference. In a sense, political science graduates gain the ability to express, engage, and question opinions and arguments while being able to understand the merits of competing and explanations.

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students can complete up to 6 credits of AEPS or URBW to fulfill the General Major Requirements

Year 1	Credits
POLS 101	3
ENGL 102	3
Breadth Requirements	24
	30

Year 2	Credits
POLS 200	3
POLS 214	3
POLS 215	3
POLS 224	3
POLS 225	3
POLS 244	3

POLS 264		3
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements		9
		30
Year 3	**Credits**	
Choose 3 credits (1 course) from the following:		3
POLS 389		
POLS 399		
Choose 6 credits (2 courses) from 300- or 400-level POLS		6
Options, Minor(s), or Primary or Secondary Major Requirements		21
		30
Year 4	**Credits**	
POLS 490		3
Choose 3 credits (1 course) from 400-level POLS		3
Choose 3 credits (1 course) from 300- or 400-level POLS		3
Options, Minor(s), or Primary or Secondary Major Requirements		21
		30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. In addition to the specific courses listed below, Political Science typically offers additional 300- and 400-level courses each year across a range of subfields. Specific topics will vary depending on instructor availability and current events (see the complete list of POLS courses for examples of additional courses that may be offered), but students can be assured that required courses will be available annually.

Fall 2024

POLS 101	Introduction to Politics
POLS 200	Comparative Political Systems
POLS 214	History of Political Thought I
POLS 224	Canadian National Government I
POLS 244	Introduction to Policy Studies
POLS 264	Introduction to Global Politics
POLS 309	Ancient Political Philosophy
POLS 321	Introduction to Public Administration
POLS 329	Canadian Federalism
POLS 370	American Politics
POLS 399	Empirical Research Methods in Political Science
POLS 444	Topics in Policy Studies
POLS 461	Selected Topics in International Politics
POLS 470	Selected Topics in Comparative Politics
POLS 490	Advanced Study in Political Science

Winter 2025

POLS 101	Introduction to Politics
POLS 200	Comparative Political Systems
POLS 215	History of Political Thought II
POLS 225	Canadian National Government II
POLS 264	Introduction to Global Politics
POLS 304	Topics in European Politics
POLS 343	Environmental Policy and Politics
POLS 344	Fundamentals of Policy Analysis
POLS 364	International Political Economy
POLS 389	Introduction to Qualitative Research Methods
POLS 390	Topics in Political Science
POLS 410	Topics in Political Philosophy
POLS 424	Advanced Topics in Canadian Politics
POLS 490	Advanced Study in Political Science
POLS 495	Political Science Field Placement

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Political Science Courses

POLS 101
Introduction to Politics
3 Credits Weekly (3-0-0)
This course provides an introduction to a systematic study of the primary institutions and processes of modern government and the discipline of political science. Students explore the significant concepts, methods, approaches, and issues of the discipline, considered necessary for the study of politics. Topics include political power, political authority, sovereignty and the state, the nation, constitutionalism, international relations, political ideology, elections, and electoral systems, democracy, and totalitarianism. Note: this course is the prerequisite for most second year Political Science courses.

POLS 200
Comparative Political Systems
3 Credits Weekly (3-0-0)
This course introduces the concepts, methods and substance of the field of comparative politics, covering selected developed and developing countries. Contemporary politics of the selected countries will be studied in their historical, social, and cultural contexts. Political and governmental institutions and public policies of the selected countries will be examined in relation to their responses to changing domestic and global environments. This is a core course in the field of comparative politics and a prerequisite for most 300- and 400-level courses in the field.
Prerequisites: Minimum grade of C- in POLS 101.

POLS 214
History of Political Thought I
3 Credits Weekly (3-0-0)
This course introduces students to classical and medieval political thought through the careful reading of primary texts. Authors studied may vary from year to year and section to section, but each is considered somehow representative or thematically significant to the period in question. Names typically examined include Homer, Aristophanes, Plato, Aristotle, Cicero, St. Augustine, and Thomas Aquinas. Note: This is a core course in the field of political philosophy.
Prerequisites: Minimum grade of C- in POLS 101.

POLS 215
History of Political Thought II
3 Credits Weekly (3-0-0)
Building upon the skills and knowledge acquired in POLS 214, this course introduces students to modern political thought through the careful reading of primary texts. Authors typically include some of the following: Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, and Nietzsche. Authors may vary from year to year and section to section, but each is considered somehow representative or thematically significant to the period in question. Note: This is a core course in the field of political philosophy.
Prerequisites: Minimum grade of C- in POLS 214.

POLS 221
Canadian Political Realities
3 Credits Weekly (3-0-0)
This course is an introductory course in Canadian politics designed for students who do not intend to take more senior courses in the field of Canadian politics. The course involves study of the politics of institutions and the processes of the government of Canada. Students demonstrate understanding of the major challenges facing Canada in its political development. Note:This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS 224
Canadian National Government I
3 Credits Weekly (3-0-0)
POLS 224 and 225 are the core courses in the field of Canadian politics, introducing students to the institutions, processes, concepts and important issues of this subject area. Topics include the Constitution and federalism, region and province, French Canada and Quebec, Indigenous peoples, ethnicity, immigration and multiculturalism, gender, class, and Canada's role in the world.
Prerequisites: Minimum grade of C- in POLS 101.

POLS 225
Canadian National Government II
3 Credits Weekly (3-0-0)
POLS 224 and 225 are the core courses in the field of Canadian politics, introducing students to the institutions, processes, concepts and important issues of this subject area. Topics include the political process, political parties, elections and representation, Parliament, the executive, bureaucracy, the judiciary, and fiscal, economic and other policy issues in Canada.
Prerequisites: Minimum grade of C- in POLS 224.

POLS 244
Introduction to Policy Studies
3 Credits Weekly (3-0-0)
This course introduces students to the process and practice of policy making in modern governments. It examines the key actors, institutions and dynamics involved in policy making. It covers different aspects of policy making, including government agenda-setting and decision making, the tools governments use to address pressing societal issues and achieve their goals, and how governments implement and evaluate those policies. Particular attention is paid to the changing context in which policy making occurs and the current challenges and opportunities policy makers face.
Prerequisites: A minimum grade of C- in POLS 101.

POLS 261
Asia Pacific Political Systems
3 Credits Weekly (3-0-0)
The purpose of this survey course is to introduce students to the political systems of ten Asia-Pacific countries: China, including Hong Kong and Taiwan, Brunei; Indonesia; Singapore; Malaysia; The Philippines; Japan; South Korea; Thailand; and Vietnam. This dynamic region of the world exhibits a range of political systems, from constitutional monarchies to one-party dominant states. This course emphasizes the linkages between the economic and political development and the cultural catalysts and obstacles to both processes. The processes of regional and global economic integration of the countries in the region are discussed.
The course explores other topics such as the following: constitutional development, legislature, political executive, judiciary, political culture and socialization, political parties and pressure groups, public opinion and the mass media, public enterprises and bureaucracy; and foreign policy. Note: This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS 264
Introduction to Global Politics
3 Credits Weekly (3-0-0)
This course introduces students to the study of global politics.
Topics include the theories of international relations, the dynamics of interaction among states and non-state actors, the nature of power, globalization, foreign policy, war and peace, international political economy, international organizations and, international law.
Prerequisites: A minimum grade of C- in POLS 101, or second-year standing.

POLS 265
Introduction to Global Politics II
3 Credits Weekly (3-0-0)
This course examines major issues in the global political economy and global governance. Topics include the theoretical approaches to international political economy, international trade, global finance, multinational corporations, international development assistance, North-South relations, migration, the UN and global governance, international law, regional integration, the environment, international terrorism, and human rights.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 304
Topics in European Politics
3 Credits Weekly (3-0-0)
This course focuses on the analysis of selected issues in European Politics. It includes theoretical, empirical, institutional, and policy analysis, as well as a research component. For detailed information concerning the current course offering please consult the department. Note: This course can be taken up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in POLS 200.

POLS 307
Continental Political Thought
3 Credits Weekly (3-0-0)
This course carefully examines the major themes that develop within the tradition of 19th and 20th century Continental Political Thought beginning with German Idealism and ending with Existentialism. Authors to be studied may include Immanuel Kant, G.W.F. Hegel, Friedrich Nietzsche, and Martin Heidegger.
Prerequisites: minimum grade of C- in POLS 214 and 215, or consent of the department.

POLS 308
Political Thought of the Enlightenment
3 Credits Weekly (3-0-0)
This course introduces students to the central works in political philosophy of the Enlightenment. In studying classic texts from the French, British, and American Enlightenments, the course further aims to discern, within these texts, the intellectual sources of liberal modernity. Students study the work of some of the following: Thomas Hobbes, John Locke, Adam Smith, Jean-Jacques Rousseau, Montesquieu, Benjamin Constant, The Federalist, Thomas Jefferson and Alexis de Tocqueville.
Prerequisites: Minimum grade of C- in POLS 214 and POLS 215.

POLS 309
Ancient Political Philosophy
3 Credits Weekly (3-0-0)
This course carefully examines one or more of the classic texts of ancient political philosophy. The course is organized around a major concern of ancient political philosophy. Potential topics include the nature of political community, sources of civic virtue, rhetoric, classic natural right, and the relationship of philosophy to politics. Addressing these topics entails the careful study of major texts by some of the following: Plato, Xenophon, Aristotle, Cicero, Lucretius and St. Augustine.
Prerequisites: Minimum grade of C- in POLS 214 and 215, or consent of the department.

POLS 315
Contemporary Liberal Thought
3 Credits Weekly (3-0-0)
This course is devoted to the exploration of contemporary liberal political thought. It covers selected readings from recent liberal philosophers and their critics, as well as considering debates about the values of liberalism in their application to public issues such as distributive justice, multiculturalism, and religion in society.
Prerequisites: Minimum grade of C- in POLS 214 and 215, or consent of the department.

POLS 316
Political Thought After Nietzsche
3 Credits Weekly (3-0-0)
This course focuses on the close reading of selected texts in 20th century thought that attempt to come to grips with Nietzsche's fundamental criticism of enlightenment rationality as the foundation for a democratic political order. Special attention is paid to those authors, largely German, who chart an alternative course to French postmodernism. Authors to be discussed may include: Edmund Husserl, Martin Heidegger, Leo Strauss, Hans-georg Gadamer, Hannah Arendt, Reinhold Neibuhr, Emmanuel Levinas, and Alasdair MacIntyre.
Prerequisites: C- in POLS 214 and POLS 215 or consent of the department.

POLS 321
Introduction to Public Administration
3 Credits Weekly (3-0-0)
This course explores the theoretical foundations and contemporary practice of public management and governance in Canada. This includes identifying institutions and processes through which public administration is conducted and assessing how public servants contribute to democratic governance. Major themes and debates within the field are discussed as well as the practical issues public servants face and the changing environment within which they work. The course primarily focuses on the federal government, but includes discussion of public administration in provincial, municipal and Indigenous governments.
Prerequisites: A minimum grade of C- in POLS 244 or consent of the department.

POLS 324
Topics in Canadian Politics
3 Credits Weekly (3-0-0)
This course is devoted to the detailed study of a single topic area in Canadian politics. Examples of topic areas include democracy and democratic reform, electoral politics and political parties, Canadian political thought, the Charter of Rights and judicial review, public policy, political cleavages in Canada, the politics of environmentalism, local government, and media and politics. Students may take this course up to two times provided the topic is different.
Prerequisites: Minimum grade of C- in POLS 224 and 225, or consent of the department.

POLS 327
Politics of Identity in Canada
3 Credits Weekly (3-0-0)
This course is devoted to the exploration of the role of identities in Canadian politics. Among the core areas of interest in this area are questions about the relationship of indigenous peoples to the state, the role and cultural influence of the country's earliest settlement groups, regional and provincial sources of identity, ethnicity, immigration and multiculturalism, gender, socio-economic class and emergent forms of politically salient identity, and Canadian national identity.
Prerequisites: Minimum grade of C- in POLS 224 and POLS 225.

POLS 329
Canadian Federalism
3 Credits Weekly (3-0-0)
This course is devoted to the systematic study of the evolution, institutions, challenges, and theoretical underpinnings of the Canadian Federal system.
Prerequisites: Minimum grade of C- in POLS 224 and POLS 225.

POLS 330
The Canadian Constitution I: The Constitution Act, 1867 and Indigenous Constitutional Issues
3 Credits Weekly (3-0-0)
This course is devoted to the exploration of the foundation of Canada's legal and constitutional system, the Constitution Act, 1867, Indigenous-state constitutional issues, and the role and impact of these aspects of Canada's constitution in the country's politics and culture. Note POLS 330 and POLS 331 may be taken in any order. Students cannot receive credit for both POLS 326 and POLS 330.
Prerequisites: Minimum grades of C- in POLS 224 and 225 or consent of the department.

POLS 331
Canadian Constitution II: The Constitution Act, 1982, Charter of Rights, & Constitutional Change
3 Credits Weekly (3-0-0)
This course is devoted to the exploration of the Constitution Act, 1982 (which includes the Charter of Rights and Freedoms), issues, processes, and debate around major constitutional change in Canada, and the role and impact of these aspects of the country's constitution in its politics and culture. Note POLS 330 and POLS 331 may be taken in any order. Students cannot receive credit for both POLS 326 and POLS 331.
Prerequisite: Minimum grades of C- in POLS 224 and 225 or consent of the department.

POLS 343
Environmental Policy and Politics
3 Credits Weekly (3-0-0)
This course offers an examination of environmental issues in Canada, one of the most rapidly-developing policy fields in the last half century. The course focuses on a range of issues related to the natural environment by exploring the salient actors in environmental politics, the institutions and processes used to develop environmental policies, and how environmental issues are defined and understood by different political ideologies.
Prerequisites: A minimum grade of C- in POLS 244 or consent of the department.

POLS 344
Fundamentals of Policy Analysis
3 Credits (3-0-0)
This course applies economic concepts and techniques to practical policy problems that governments face, including the provision of public goods and the regulation of private individuals and businesses. Students will learn how to conduct different types of economic analyses that assist governments in deciding when and where to address a problem and how to choose between different solutions. This course provides students with an entry point to the profession of policy analysis. Note: Students can only receive credit for one of ECON 344 or POLS 344.
Prerequisites: A minimum grade of C- in POLS 244 or consent of the department.

POLS 345
Issues in Globalization and Governance
3 Credits Weekly (3-0-0)
This course offers a comprehensive study of some of the major issues in the areas of Globalization and Global Governance. Topics include: Global Governance theory, the Global Political Economy, Global Security Challenges, the Global Financial System, the Global Civic Ethic, Poverty and Globalization, UN Reform, and the Global Environmental Challenge.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 349
Topics in Global Politics
3 Credits Weekly (3-0-0)
The course covers current controversial issues in global politics. Selected topics include the international political economy, the international strategic system, global challenges, and international relations theory.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 357
The Third World in Global Politics
3 Credits Weekly (3-0-0)
This course assesses challenges facing the Third World in the global economy. Students focus on the specific constraints faced by the developing countries in the era of globalization, while assessing opportunities and options for overcoming the structural constraints. The institutional underpinnings of the Third World movement - the non-aligned movement and the group of 77 - as well as the specific regional and interregional responses to globalization are analyzed.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 264.

POLS 361
Conflicts and Civil Wars in International Relations
3 Credits Weekly (3-0-0)
Large-scale violence associated with interstate and intrastate conflict and war continues to have undeniable relevance for all of humanity. Given the rise of ethnic conflicts in Europe and proliferation of advanced weapons technology worldwide, providing answers to pressing questions about the onset and escalation of war is imperative in the aftermath of the Cold War. This course examines the theoretical and empirical knowledge on the causes of interstate wars and civil wars.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 362
Pursuit of Peace in Global Politics
3 Credits Weekly (0-0-3)
A dominant feature of the post-World War II international system is the willingness of states and international organizations to intervene, often forcefully, to manage conflicts. This course examines the theoretical and empirical foundations of the study of conflict management since the end of the Second World War.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 364
International Political Economy
3 Credits Weekly (3-0-0)
This is a critical examination of the conjunction of a series of market and political issues in international affairs, including the major facets of globalization. The course uses major theoretical perspectives to explain the intersection of states and markets in the global economy. Topics include: the global trading system, foreign direct investment, foreign portfolio investment, international debt problems, the impact of the international financial institutions, North-South relations, and balancing development with environmental protection.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 365
Canadian Foreign Policy
3 Credits Weekly (3-0-0)
This is an overview of the significant post-Second World War developments in Canadian foreign policy. This course assesses Canada's foreign policy priorities, orientations and sources. Topics addressed include the following: Canadian security, development assistance, role in international organizations, Canada and the global economy, the human security agenda, and the role of non-governmental organizations in shaping Canadian foreign policy.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 368
International Organization
3 Credits Weekly (3-0-0)
This course examines the theoretical and empirical evolution of International Organizations. The course includes an active learning component, using simulation of the United Nations and/or other intergovernmental organizations. It deals with global governance as well as specific issue-areas such as human rights, peace, disarmament, development, and the environment. Students cannot receive credit for both POLS 368 and POLS 468.
Prerequisites: A minimum grade of C- in POLS 264 or consent of the department.

POLS 370
American Politics
3 Credits Weekly (3-0-0)
This course provides a comprehensive overview of the American political system through the study of the institutional framework of the three separate federal branches, the motivation behind its organization, and the way political actors' and political institutions' interaction are shaped by this organizational structure. This course is appropriate for political science majors who wish to gain a foundation and a better understanding of American politics.
Prerequisites: A minimum grade of C- in POLS 200 or consent of the department.

POLS 371
Politics in China
3 Credits Weekly (3-0-0)
This course examines Chinese politics in its historical, cultural, social, and global settings. The focus of this course is on the responses of China's political system to its domestic and international challenges in the modern time.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 261 or POLS 263.

POLS 373
Politics in India
3 Credits Weekly (3-0-0)
This course examines the Indian political system in its historical, cultural, social, and global settings. The responses of India's contemporary political system to its domestic and international challenges are studied in combination with the impact of India's colonial experience.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 261 or POLS 263.

POLS 375
Politics of East Asia
3 Credits Weekly (3-0-0)
This course provides comparative studies and analyses of politics of East Asia. Focused topics include politics of China, Hong Kong, Taiwan, Japan, and Korea. Comparisons and analyses cover a variety of subjects such as political institutions and processes, ideologies, and public policies.
Prerequisites: A minimum grade of C- in POLS 200 or consent of the department.

POLS 376
Issues in Development Studies
3 Credits Weekly (3-0-0)
This course provides an understanding of the core theoretical and practical development-related issues confronting countries in Africa, Asia, and Latin America. It presents the contending development theories, while focusing on the significant development challenges facing the developing countries - both domestic and global.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 264.

POLS 389
Introduction to Qualitative Research Methods
3 Credits weekly (3-0-0)
This course is an introduction to qualitative research methods in political science. Students will learn to undertake both positivist and interpretivist research in political science. In addition to learning formal methods, students apply these methods by learning to conduct primary data collection, including: designing surveys, conducting semi-structured elite interviews, and undertaking ethnographic research to address questions related to Political Science.
Prerequisites: A minimum grade of C- in POLS 101 and 6 credits of 200-level POLS *(*p. 816*) courses.*

POLS 390
Topics in Political Science
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to Political Science. The topic for the course varies and is announced prior to registration. This course may be taken up to two times provided the course topic is different.
Prerequisites: A minimum grade of C- in a 200 level course in Political Science.

POLS 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

POLS 399
Empirical Research Methods in Political Science
3 Credits Weekly (2-1-0)
This course is a general introduction to empirical research methods in Political Science. Students learn the logic and working assumptions behind empirical research in Political Science, and gain practice with those methods to ask and answer specific research questions in Political Science using a statistical software.
Prerequisites: A minimum grade of C- in POLS 101 and 6 credits of 200-level POLS *(*p. 816*) courses.*

POLS 410
Topics in Political Philosophy
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of political philosophy. This course is devoted to the detailed study of a single topic. Examples of topics include the following: virtue and politics, theories of the State, the limits of reason, and problems of political community. Students may take this course up to two times provided the topic is different.
Prerequisites: A minimum grade of C- in POLS 214 and POLS 215, or consent of the department.

POLS 424
Advanced Topics in Canadian Politics
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of Canadian politics. This course is devoted to the detailed study of a single topic area. Examples of topic areas include democracy and democratic reform, electoral politics and political parties, Canadian political thought, the Charter of Rights and judicial review, political cleavages in Canada, the politics of environmentalism, and the media and politics in Canada.
Prerequisites: A minimum grade of C- in POLS 225.

POLS 426
Canadian Law and Politics
3 Credits Weekly (0-0-3)
This course is devoted to the systematic study of the issues, history, and scholarly commentary associated with law, politics, and the judicial process in Canada. The course includes consideration of topics such as legal theory, judicial politics and issues of judicial selection and appointment, the implications of rights review for democracy, and core cases in constitutional litigation. The course concludes with student participation in a simulated legal case on a constitutional issue.
Prerequisites: A minimum grade of C- in one of POLS 326, POLS 330, POLS 331, or POLS 329 or consent of the department.

POLS 444
Topics in Policy Studies
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in specialized topics within policy studies. The course provides an in-depth and detailed examination of a single topic. Students will develop expertise in a specific area that can build a foundation for graduate studies or employment. Potential topics include public governance, theories of the policy process, specific policy dynamics such as networks, learning or agenda-setting and policy areas like climate change, health, social or economic policy. The instructor chooses the topic in any given semester. Students can take this course up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in POLS 244.

POLS 461
Selected Topics in International Politics
3 Credits Weekly (0-0-3)
This course focuses on selected contemporary topics in the sub-fields of international relations. Students undertake a detailed analysis of a specific topic. The instructor chooses the topic in any given semester. Students can take this course up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in POLS 264.

POLS 470
Selected Topics in Comparative Politics
3 Credits Weekly (0-0-3)
This course focuses on the analysis of advanced topics in Comparative Politics. It includes theoretical, empirical, institutional, and policy analysis, as well as a research component. For detailed information concerning the current course offering please consult the department. Note: This course can be taken up to two times, provided the course topic is different.
Prerequisites: Minimum grade of C- in POLS 200.

POLS 471
Comparative Development
3 Credits Weekly (0-0-3)
This seminar compares politics of two developing countries: China and India. The course addresses the distinctive developmental issues and common political challenges facing both countries and distinctive developmental issues in each of these countries. Theoretical perspectives on political development are examined.
Prerequisites: Minimum grade of C- in any of POLS 371,373, 375 and 376.

POLS 490
Advanced Study in Political Science
3 Credits Weekly (0-0-3)
This course focuses on the analysis of selected issues in the fields of Canadian Politics, Comparative Politics, International Relations, Policy Studies, or Political Philosophy. It includes a detailed research component. This is a required course in the Political Science major. Note: This course may be taken up to two times provided the course topic is different.
Prerequisites: Minimum grades of C- in POLS 200, POLS 214, POLS 215, POLS 224, POLS 225, POLS 264, and either POLS 244 or POLS 265, or consent of the department.

POLS 495
Political Science Field Placement
3 Credits Total (45-0-125)
This course allows students to bridge the gap between the theory and practice of politics. Students are assigned to a public, private, or non-profit organization where they apply their knowledge of political science and use their skills, including research, analysis and communication, to work on projects or tasks within their partner organization. Note: This course does not fulfill the 400-level requirement for the major and minor.
Prerequisites: A minimum of C- in 6 credits of 300-level political science and consent of the department.

POLS 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.
Prerequisites: Consent of the Department.

POLS 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor registered students conduct a research project culminating in a written Honours Thesis and formal presentation of research findings. This course is restricted to, and required of, students in the Honours Political Science Program. Students complete both POLS 499A and POLS 499B in consecutive terms to attain credit for this course.
Prerequisite: Registration in the Honours Program and consent of the department.

POLS 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to, and required of, students in the Honours Political Science program. Students complete both POLS 499A and 499B in consecutive terms to attain credit for this course.
Prerequisite: Registration in the Honours Program and consent of the department.

Professional Communication Major - Bachelor of Communication Studies

Overview

The major in Professional Communication gives students a strong foundation in writing, editing, research and rhetoric. Option courses allow students to specialize in strategic communication, editing and publishing, or technical communication.

Bachelor of Communication Studies

Faculty of Fine Arts and Communications
MacEwan.ca/CommunicationDegree (https://www.macewan.ca/academics/programs/bachelor-of-communication-studies/)

In our fast-paced world of evolving and conventional media, communication is key to interpersonal, organizational and career success. The Bachelor of Communication Studies program provides students with a solid foundation in the fundamental skills of critical thinking, writing, editing, and research. Common coursework for professional communication and journalism majors builds a foundation in language, composition, visual communication, communication theory, communication law and research methods, supported by a liberal arts framework. The courses in the majors offer depth, specialization, and choice. The minors provide additional scope and depth to your studies. The program offers many opportunities to integrate what you have learned in the classroom with real-life projects that engage the community and provide students with an enhanced learning experience. The field is forward-looking, and so is this program of studies.

Years 1 and 2 include common coursework for both professional communication and journalism majors that builds a foundation in language, composition, visual communication, communication theory, communication law, and research methods. Years 3 and 4 provide specialization in editing, strategic communication, technical communication or film studies (in the professional communication major), or in news gathering, digital media production, or film studies (in the journalism major).

Year 3 includes an ethical practice and portfolio course, followed by a professional field placement that includes BCSC 395 or BCSC 398. Students conclude year 4 with skills, experience and practical proof of their communication competency.

The Bachelor of Communication Studies program prepares students for strategic roles in business, traditional and new media, not-for-profit and public sector organizations: wherever clear, correct, and effective messages are valued. Confident in research methodology and contemporary communication theory, students are also ready for graduate studies in communication or a related field.

Career Potential

Graduates of MacEwan University's Bachelor of Communication Studies will have competency in critical problem solving, global awareness and cultural sensitivity, creativity, information and research literacy, and ethical and professional practice. These competencies will bring career success in a variety of positions – writer, editor, researcher, journalist, reporter, marketer, client or community relations practitioner, communications advisor, communications coordinator, public information officer, producer, social media contact, reviewer, analyst, commentator – and in many roles that have yet to be created.

Technology Integration for Creative Learning (TICL)

On entering the second year of the Bachelor of Communication Studies program, students in the Journalism major will need to purchase a Mac laptop and necessary software identified by the program. For specifications, refer to the program website (https://www.macewan.ca/academics/programs/bachelor-of-communication-studies/) or contact an advisor.

Contact Information

communicationdegree@macewan.ca

Degree Requirements

Program Element	Description	Credits
Core Requirements	Students complete 30 credits of Communication courses and 6 credits of English courses.	36
Breadth Requirements	Students complete 24 to 27 credits of breadth requirements, depending on their major and minor. In addition, students must take at least three credits of an Indigenous-related course to fulfill the breadth requirement. Consult your academic adviser for a list of approved courses.	24-27

Major Requirements	Students complete 24 to 27 credits of required courses in their chosen major. The number of required courses varies by major.	24-27
Minor Requirements	Students complete 12 to 18 credits in their chosen minor.	12-18
Options	Students complete 15 to 21 credits of options, which vary by major and minor.	15-21
Total Credits		**120**

Core Requirements

Code	Title	Credits
BCSC 100	Grammar and Composition Foundations	3
BCSC 101	Interpersonal Communication	3
BCSC 102	Introduction to Visual Communication	3
BCSC 200	Communication Theory	3
BCSC 203	Introduction to Research Methods	3
BCSC 206	Introduction to Audio and Video (BCSC 206 is now a shared core replacing BCSC 202)	3
BCSC 302	Online Content Production	3
BCSC 306	Ethical Practice and Portfolio	3
BCSC 307	Communication Law I	3
BCSC 411	Advanced Research Methods	3
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
Total Credits		**36**

Course Substitutions

List of Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
BCSC 301	BCSC 307
BCSC 433	BCSC 412
JOUR 106	BCSC 210
JOUR 108 or JOUR 156	BCSC 313
JOUR 150	BCSC 211
JOUR 152	BCSC 320
JOUR 154	BCSC 323
JOUR 155	BCSC 424
JOUR 251	BCSC 311
JOUR 257	BCSC 423
JOUR 258	BCSC 325
JOUR 259	BCSC 398
PROW 100	BCSC 100
PROW 102	BCSC 282
PROW 104	BCSC 253
PROW 115	BCSC 203
PROW 117	BCSC 102
PROW 135	BCSC 215
PROW 204	BCSC 221
PROW 205	BCSC 301 or BCSC 307
PROW 210	BCSC 100
PROW 211	BCSC 100
PROW 224	BCSC 241
PROW 226	BCSC 340
PROW 228	BCSC 440
PROW 235	BCSC 260
PROW 240	BCSC 332
PROW 250	BCSC 216
PROW 302	BCSC 202
PROW 304	BCSC 326
PROW 307	BCSC 328
PROW 308	BCSC 223
PROW 310	BCSC 343
PROW 315	BCSC 331
PROW 316	BCSC 342
PROW 317	BCSC 352
PROW 318	BCSC 441
PROW 330	BCSC 432
PROW 331	BCSC 341
PROW 335	BCSC 360
PROW 336	BCSC 361
PROW 337	BCSC 362
PROW 338	BCSC 461
PROW 343	BCSC 310

Major Requirements

Breadth Element	Description	Credits
Humanities *	CLAS, CHIN, CRWR, ENGL (other than ENGL 102, ENGL 103, ENGL 104, ENGL 105), FREN, GERM, GREK, HUMN, HIST, NEHI, PHIL, JAPN, SPAN	6
Social Sciences *	ANTH, ECON, GEND, INDG, POLS, PSYC, SOCI	6
Sciences	ASTR, BIOL, CHEM, CMPT, EASC, MATH, PHYS, PSYC, STAT, SUST 201, ZOOL, HLST 210	6
Fine Arts/Performing Arts *	AGAD, ARTE, CLAS (CLAS 252 or CLAS 353), CRWR, DESN, DRMA, MUSC, THAR, THPR	6

*

3 credits of the Indigenous course requirement must be fulfilled from the approved course list within the Bachelor of Communications department. Please consult your academic advisor.

Code	Title	Credits
Major Requirements		**Credits**
BCSC 204	Foundations in Sustainability Communication	3
BCSC 215	Proofreading and Copyediting	3
BCSC 216	Professional Communication	3
BCSC 253	Classical and Modern Rhetoric	3
BCSC 310	Strategic Communication Planning	3
BCSC 395	Professional Field Placement and Practice	3
BCSC 400	Intercultural Communication	3
BCSC 418	Organizational Communication Theory	3
Minor Requirements		
Students complete 18 credits from their chosen minor. The specific minor requirements are listed below.		18
Major Options		
Students choose 18 credits of major options.		18
Breadth Requirements		
Students choose 24 breadth requirements from the following categories: 6 credits from Humanities, 6 credits from Social Sciences, 6 credits from Sciences, and 6 credits from Fine Arts/Performing Arts. A minimum of 9 credits must be at the senior level.		24
Total		**84**

Minor Requirements

Digital Experience Design Minor

The Digital Experience Design minor is a competitive minor. Students will need to have completed or be enrolled in DESN 242 before declaring a DXD Minor. The program consists of 18 non-duplicative credits. Courses used for DXD minor cannot be used to fulfill other major or minor requirements.

Code	Title	Credits
Minor Requirements		
DESN 242	Introduction to Digital Experience Design for Non-Designers	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 344	Interaction Design I	3
DESN 442	Information Architecture	3
Minor Options		
Choose 6 credits from the following:		6
DESN 340	Web Design & Development I	
DESN 440	Web Design & Development II	
DESN 444	Interaction Design II	
DESN 445	Service Design	
Total Credits		**18**

Film Minor

Code	Title	Credits
Minor Requirements		
Choose 3 credits from the following:		3
BCSC 205	Introduction to Film Studies and Narrative	
or ENGL 288	Introduction to Film Narrative	
Minor Options		
Choose 15 credits from the following: [1]		15
BCSC 206	Introduction to Audio and Video	
BCSC 207	Documentary Film Principles and Practices	
BCSC 223	Introduction to Screenwriting	
BCSC 303	Popular Culture and Film Studies: Film Noir	
BCSC 305	Popular Culture and Film Studies: Science Fiction	
BCSC 328	Documentary Screenwriting	
CLAS 200	Classics and Film: Classical Reception in the Cinema	
ENGL 386	Studies in Screen Narrative	
ENGL 387	Studies in Film Adaptation	
ENGL 388	Topics in Film Studies	
MUSC 416	Scoring for Film and Other Visual Media	
PHIL 383	Philosophy of Film	
SPAN 322	Contemporary Spanish and Latin American Films	
SPAN 350	Magical Realism, Subversion and Sexuality in Hispanic Films and Literature	
Total Credits		**18**

[1] Year to year different topics courses may be permitted for use towards the 15-credit requirement. These courses include BCSC 426, CRWR 404, ENGL 219, ENGL 364, ENGL 368, ENGL 382, ENGL 391, ENGL 398, ENGL 401, ENGL 489, ENGL 498, MUSC 424, and MUSC 427. Please refer to the Film Minor webpage for more information.

Graphic Design

Code	Title	Credits
The Graphic Design minor is a competitive minor that consists of 18, non-duplicative credits. Courses used for Graphic Design minor cannot be used to fulfill other major or minor requirements.		
The following 4 courses are required:		
DESN 110	Design Studio I: Visual Organization, Composition and Visual Language	3
DESN 120	Design Software I	3
DESN 131	Typography I	3
DESN 203	Concept Visualization	3
Students also choose 2 from the following options:		
DESN 150	Image Structure and Meaning	3
DESN 171	History of Visual Communication Design	3
DESN 205	Design Studio II: Process, Audience, and Context	3
DESN 220	Design Software II	3
DESN 250	Introduction to Photography	3
DESN 260	Introduction to Video	3

Journalism Minor

Code	Title	Credits
Minor Requirements		
BCSC 201	Foundations of Journalism	3
BCSC 210	Introduction to News Reporting	3
BCSC 322	Interviewing Techniques [1]	3
BCSC 397	Digital News Publishing I	3
Minor Options		
Choose 6 credits from the following:		6

BCSC 320	News, Media and Democracy: Understanding Information in the 21st-Century	
BCSC 323	Photojournalism	
BCSC 327	Online News Reporting: Journalism in the Digital Age	
BCSC 424	Reporting on Canadian Politics	
Total Credits		**18**

Major Options

Students choose options from the list below. Options may not be offered every year and are subject to space availability. If courses are required by a specific minor, they cannot also be used as options.

Professional Communication Major Options

BCSC 205	Introduction to Film Studies and Narrative	3
BCSC 207	Documentary Film Principles and Practices	3
BCSC 221	Writing to be Heard	3
BCSC 223	Introduction to Screenwriting	3
BCSC 241	Introduction to Technical Communication	3
BCSC 260	Substantive and Structural Editing	3
BCSC 282	Short Written Forms	3
BCSC 303	Popular Culture and Film Studies: Film Noir	3
BCSC 305	Popular Culture and Film Studies: Science Fiction	3
BCSC 308	Communication Law II	3
BCSC 322	Interviewing Techniques	3
BCSC 326	Rhetoric of Popular Culture	3
BCSC 328	Documentary Screenwriting	3
BCSC 330	Intermediate Strategic Communication	3
BCSC 331	Corporate Narrative	3
BCSC 332	Writing and Publishing Prose I	3
BCSC 340	Technical Communication for Digital Applications	3
BCSC 341	Literary Journalism	3
BCSC 342	Writing for Periodicals	3
BCSC 343	Introducing Creative Nonfiction	3
BCSC 352	The Media and the Message	3
BCSC 360	Magazine Editing	3
BCSC 361	Book Editing	3
BCSC 362	Print Culture Studies	3
BCSC 365	Editing and Publishing Poetry	3
BCSC 379	Public Affairs Data Journalism	3
BCSC 380	Independent Study in Communications	3
BCSC 430	Advanced Strategic Communication	3
BCSC 431	Advanced Seminar in Strategic Communication	3
BCSC 432	Writing and Publishing Prose II	3
BCSC 440	Technical Communication: Safety Standards and Policies	3
BCSC 441	Technical Communication for Policy Writing	3
BCSC 452	Advanced Seminar in Technical Communication	3
BCSC 461	Production Editing and Publication Management	3
BCSC 462	Advanced Seminar in Editing and Publishing	3
BCSC 480	Advanced Independent Study in Communications	3
BCSC 499	Innovation and Entrepreneurship: New Ventures in Digital Media	3

Degree Regulations

Students are strongly encouraged to seek advice from a faculty or university advisor about fulfilling these degree requirements.

Declaration of a Major and a Minor

Students declare their major and minor at the time of application. Students may redeclare their major and minor if required. Students are advised to redeclare by the time they have completed 45 credits or earlier. Students are advised to seek advice from the Academic Advisor before redeclaring their major and minor.

Breadth Requirement

Students in the Professional Communication major complete 24 credits of baccalaureate-level courses and students in the Journalism major complete 24 to 27 credits of baccalaureate-level courses, as outlined in the Program of Study. A minimum of nine credits must be at the senior level in each major. In addition, students must take at least three credits of an Indigenous-related course to fulfill the breadth requirement. Consult your academic adviser for a list of approved courses.

Core Field Placement Requirements

All program students must successfully complete a field placement component to their Program of Study.

Journalism major students will complete BCSC 398, which is a three-credit, full-time or part-time 180-hour field placement, after successfully completing at least 84 out of 120 credits required for the degree, as well as BCSC 327 Online News Reporting. It is highly recommended, but not required, for journalism students to also complete BCSC 412 Advanced News Reporting.

Professional Communication major students will complete BCSC 395 Professional Field Placement and Practice, which is a three-credit, full-time or part-time 250-hour field placement with an academic course component, after successfully completing at least 84 out of 120 credits required for the degree.

The program will assist students in finding field placement opportunities; however, students are ultimately responsible for securing their own work placements, and all placements must be approved by the program. Students must comply with the Workplace Integrated Learning Policy regarding their field placement.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

Senior-Level Coursework Requirements

A minimum of 72 credits of the total 120 program credits must be at the senior level. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the degree and will not be counted toward fulfilment of graduation requirements.

Option Requirements

Students are required to complete between 15 and 21 credits of major options. Students in the Professional Communication major complete 15 to 21 credits of major options, depending on their chosen minor, and students in the Journalism major complete 18 credits of major options. Students must select from a list of BCSC option courses designed for

each major and minor. Not all option courses are offered each term or year. These courses must be at the baccalaureate level.

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major and minor. Students who declare their major and minor up to and including February 15 are bound by the requirements of the current academic year. Those students who declare after February 15 are bound by the programs of study and degree requirements of the upcoming calendar year published in the academic calendar.

Progression of Studies

Students are responsible for ensuring they fulfill the prerequisite and/or co-requisite requirements of courses taken to complete the Bachelor of Communication Studies.

Minimum Transfer Grade for Credit

A minimum grade of D is required for any transfer credit granted for the program. Courses in the Program of Study require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions are final and cannot be appealed (See Policies C2030 and E3103).

Program Learning Outcomes

1. Demonstrate a critical understanding of the discourses of communication and cultural studies.
2. Employ research strategies to gather, evaluate, and integrate information into communication formats.
3. Develop a sustained argument using appropriate rhetorical strategies and use generative and organizational heuristics to achieve clarity, precision, and coherence in all communication.
4. Demonstrate effective decision making.
5. Create original work that benefits from peer editing and the conscious integration of creative strategies.
6. Communicate effectively, reliably, and accurately—orally, in print, and online—to a variety of audiences.
7. Apply ethical frameworks and codes against which to evaluate personal judgments, moral reasoning, and best practice, including those related particularly to research, editing, journalistic standards, professional communication, and publishing.
8. Demonstrate knowledge of ethical practice through analysis issues such as fairness, truth, and responsibility.
9. Demonstrate an informed understanding of the social consequences resulting from the widespread use of information, communication technologies, and media convergence.
10. Study and demonstrate an understanding of best practice as a communication professional and professional journalist through a critical self-evaluation of individual competency and the formulation of an individual professional development plan to address this constructive self-analysis.
11. Demonstrate initiative, personal responsibility, accountability, academic integrity, and social responsibility.
12. Work collaboratively with others.

Professional Communication Major Learning Outcomes

1. Use classical and modern rhetorical principles to assess the effectiveness of arguments and messages in their historical, cultural, political, and communication contexts, and to produce logical and compelling original arguments.
2. Use tactical tools to produce and edit a variety of engaging messages in audio, visual, and written formats, in both print and digital media.
3. Use strategic analysis to craft targeted messages and select appropriate media to serve a variety of prioritized audiences.
4. Analyze and evaluate the impact of intercultural, legal, technological, and epistemological influences on individuals and diverse social groups and debate key issues and controversies in the discourses of communication, technology, and media studies.
5. Build on foundational research methods and information literacy principles to a more advanced level so as to generate, interpret, and integrate qualitative and quantitative research from both primary and secondary sources into communication.
6. Continue to build awareness and demonstration of the standards of professionalism and ethical practice required of professional communicators in civil society: self-awareness and initiative, interpersonal and intercultural communication, collaboration, organizational behaviour, and ethical practice.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 per cent (or equivalent)

OR

- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 credits of university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Psychiatric Nursing - Bachelor of Psychiatric Nursing

Overview

Faculty of Nursing
MacEwan.ca/PsychNursingDegree (http://MacEwan.ca/PsychNursingDegree/)

The Bachelor of Psychiatric Nursing (BPN) builds on the foundation of a diploma in psychiatric nursing. This program is designed for diploma-prepared Registered Psychiatric Nurses (RPNs) who wish to pursue their passion for psychiatric/mental health nursing by further extending their knowledge and skills in their chosen field. The BPN is learner-centred, innovative, and offers a contextually relevant curriculum. The balance between liberal and professional education offers depth and breadth of studies, a global perspective, and an opportunity to enhance knowledge, skills and other professional attributes in such areas as community mental health, child and adolescent psychiatry, the criminal justice system, mental health and addictions, application of therapeutic modalities, nursing research, and leadership. With two intakes per year, opportunities for full- or part-time studies, and delivery through a variety of distance and online learning technologies, the 45-credit BPN program facilitates ease of access for RPNs from both urban and rural settings.

Career Potential

MacEwan University Bachelor of Psychiatric Nursing graduates have advanced preparation for employment within complex health care environments. Attainment of a BPN facilitates opportunities for increased scope of practice and professional psychiatric/mental health nursing practice in a broader range of settings, including such areas as community mental health, counselling, family/group therapy, and forensics.

Contact Information

E: psychnurseinfo@macewan.ca

Program Requirements

Code	Title	Credits
YEAR 1		
HLST 320	Health and Society [1]	3
HLST 321	Advanced Skills in Therapeutic Modalities [1]	4
NURS 341	Nursing Research Processes (or NURS 344) [1]	3
PNRS 320	Trends and Issues in Mental Health Care [1]	3
PNRS 321	Child/Adolescent Mental Health [1]	3
Elective - University Level Elective (excludes PNRS and NURS courses) [1]		3
Option - Senior-Level (200+) Philosophy Course [1]		3
Option - Senior-Level (200+) Social Science Course [1]		3
Senior Elective - Senior (200+) Level Elective (excludes PNRS and NURS courses) [1]		3
Statistics - University Level Statistics [1]		3
YEAR 2		
PNRS 420	Community Mental Health [1]	4
PNRS 421	Mental Health and the Law [1]	3
PNRS 422	Leadership for Psychiatric Nursing Practice [1]	3
PNRS 423	Capstone Course [1]	4
Total Credits		**45**

1

The minimum passing grade for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Program Regulations

Students are strongly encouraged to seek advice from a Faculty School Advisor about fulfilling these degree requirements.

Program Time Limits - Exemption for the Bachelor of Psychiatric Nursing Program

A student in the Bachelor of Psychiatric Nursing program (BPN) has five years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (Program Time Limits policy).

Academic Residency

Meeting of the academic residency requirement for the Bachelor of Psychiatric Nursing degree program requires completion of a minimum of 23 program credits through MacEwan University, including the 4-credit Capstone Course (PNRS 423). Courses completed to meet the admission requirements or completed through other institutions and assigned transfer credit, if any, cannot be used to meet the program's residency requirement.

Program regulations also require all transfer credit(s) meet currency requirements. To be considered for credit all PNRS, NURS and HLST equivalent courses must have been completed within five years immediately preceding a student's program start date. All other courses being considered for transfer credit must be completed within the 10 years immediately preceding a student's program start date. The decision to award transfer credit rests with the program and cannot be appealed.

Required English Course

Learners who do not have a three-credit post-secondary English course at the time of admission to this program will be required to complete the course prior to the second term of study (Required English Course policy).

Registration Requirements

Achievement of optimal learning outcomes is facilitated through concurrent assimilation of knowledge with practice. Learners completing the BPN program in Canada must therefore maintain a current active practice permit as a Registered Psychiatric Nurse (RPN) in Canada and be in good standing with the regulatory body. Those completing the program outside of Canada must maintain current registration on the practice register as a psychiatric/mental health nurse in the other country. Learners wishing to temporarily change to non-practicing status must do so in consultation with the department chair.

Elective/Option Requirements

The Program of Study for this program enables learner choice in the selection of the three specified 3-credit university-level theory course options (statistics course, philosophy course at the 200 level or higher, and social science course at the 200 level or higher) and two electives (Open and Senior elective). The Open Elective (100 level or higher) and Senior Elective (200 level or higher) exclude subject codes PNRS and NURS and may be chosen to extend knowledge within an area of interest. A post-secondary English course completed to meet the English course requirement cannot be used to meet an Elective requirement for this program.

Progression of Studies

Learners are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as specified in descriptions for program courses. Some flexibility in sequencing of courses is permitted, provided that specified pre- and co-requisites are adhered to. Course registration is required for participation in all program courses.

Professional Conduct

Learners must adhere to the current professional code of ethics and standards of psychiatric nursing practice for Registered Psychiatric Nurses, as well as the confidentiality agreements signed with MacEwan University and, as applicable, work integrated learning host agencies.

Program Standards

Learners admitted to this program are presumed to be capable of fulfilling the academic requirements of the program with, if applicable, provision of reasonable accommodation. The reasonable accommodation of learners with disabilities shall not require the university to lower its standards, academic or otherwise, nor shall it relieve a learner of the responsibility to develop and demonstrate the essential skills and competencies expected of all learners pursuing this program (Students with Disabilities policy).

Police Information Check

A current, clear Police Information Check (PIC) that includes a Vulnerable Sector Search is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the published document deadline. Having a pardon in progress does not meet the admission requirement for a clear PIC.

Regulations Governing Work Integrated Learning Activities

Selected field study or work integrated learning experiential activities may be incorporated into one or both of PNRS 420 (Community Mental Health) and PNRS 423 (Capstone Course). These can generally be completed within the learner's home community. The learner is responsible for any costs they incur for materials, meals, travel and, where applicable, accommodation for these experiences. Learners must comply with the Work Integrated Learning policy and other applicable policies and regulations of the university, professional regulations, and policies and procedures of the host organization. In accordance with the Work Integrated Learning policy, the university reserves the right to remove a learner from the work integrated learning experience at any point in the experience for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, may assign a grade of F in the course.

Host agencies may specify additional prerequisite requirements for work integrated learning experiential activities, for example, currency of immunization against specified communicable diseases, N95 fit-testing, and Health Care Provider Level C Basic Life Support (BLS) certificate, and a current clear PIC with or without a child welfare check. Learners whose PIC status changes or who lack other specified additional requirements compromise their ability to complete the program requirements, as they may be denied work integrated learning experiences and, therefore, unable to meet graduation requirements.

Program Learning Outcomes

The Bachelor of Psychiatric Nursing program reflects the educational philosophy and goals of Grant MacEwan University. Faculty are committed to advancing the mission of MacEwan and the vision of the Faculty of Nursing by preparing graduates who demonstrate leadership, are committed to excellence in professional psychiatric nursing practice, and contribute to optimal wellness of individuals, families, groups, and communities.

Upon completion of the Bachelor of Psychiatric Nursing program, graduates will:

1. Promote excellence in psychiatric nursing by practicing in accordance with professional, ethical, and legal standards, health care and societal needs, and the demands of the health care delivery system.

2. Integrate political and global perspectives in applying nursing and psychiatric nursing knowledge and skills to the promotion of optimal wellness (with consideration of physiological, psychological, developmental, socio-cultural, and spiritual variables) for individuals, families, groups, and communities as context.

3. Synthesize empirical and theoretical knowledge from the humanistic and scientific disciplines, general and psychiatric nursing, in formulating professional practice decisions.

4. Integrate therapeutic communication skills at an advanced level in conjunction with health education, counselling, and implementation of a range of specialized therapies/modalities for individuals, families, groups and communities.

5. Employ critical reflectivity and integrate principles of social justice in the analysis of mental health and practice issues and the provision of safe, competent, ethical care to diverse populations.

6. Challenge assumptions and serve as an advocate for change on societal and practice issues that impact the mental health of communities.

7. Utilize and contribute to research that advances psychiatric/mental health nursing knowledge, evidence-informed practice, and best practices.

8. Utilize technology and other resources to support ongoing learning and professional psychiatric nursing practice.

9. Provide leadership in autonomous and collaborative practice with interprofessional team members.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

Applicants must present a Psychiatric Nursing diploma (or equivalent) with an Admission Grade Point Average (AGPA) of 2.3 on a 4.0 scale. In addition, applicants must present:

- Current registration on the practicing register as a Registered Psychiatric Nurse in Canada.

OR

- A current registration as a psychiatric/mental health nurse in another country and be eligible for registration on the practicing register as a Registered Psychiatric Nurse in Canada.

*Provisional Admission may be assigned to applicants who have completed the academic requirements of a Psychiatric Nursing diploma but have not written the Canadian Registered Psychiatric Nurse Examination. The examination must be successfully completed within the first term of their program.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

3. Other Admission Criteria

To be evaluated through the Program

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Applicants who have two or more unsatisfactory academic records from any post-secondary program or institution will not be considered for admission or re-admission to the Program. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Psychology - Bachelor of Arts

Overview

As scientists, psychologists conduct research in a wide range of areas, including child development, learning, perception, personality, and social interaction. As practitioners, psychologists apply knowledge acquired through research to alleviate distress and improve the lives of others. Whether through a Bachelor of Arts or Bachelor of Science degree, majoring in Psychology prepares students to understand and appreciate the many factors that influence behaviour. Under the guidance of

professors with expertise ranging from forensic and clinical psychology to neuroscience and health, students gain hands-on experience in the scientific analysis of behaviour. Opportunities are available to take on independent research projects, enroll in field placements, or register in the honours program. MacEwan's Psychology majors graduate with the knowledge and critical thinking skills that almost all employers are seeking, with students interested in further studies being well-positioned to apply to graduate programs. Psychology is also a popular major for students wishing to enter professional programs, such as law, medicine, social work, or occupational therapy.

Contact Information

Department of Psychology
Room 6-329, City Centre Campus
10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-5305

Arts and Science Academic Advising
Room 6-211, City Centre Campus
T: 780-497-4505
E: artsandscience@macewan.ca

The Bachelor of Arts

Faculty of Arts and Science
MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉
Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉
Planetary Physics		◉
Statistics		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a

selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3
Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options
CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth

ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options

MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

Psychology Requirements - Bachelor of Arts

Psychology Arts Major

Psychology Arts Honours

Psychology Minor

Psychology Arts Major

The Bachelor of Arts (BA) in Psychology program requires students to complete 120 credits of non-duplicative coursework. In addition to the Psychology Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Arts major

Students are required to complete option courses as well as fulfill the major(s) and minor(s). All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Psychology Major is 42 to 60 non-duplicative psychology credits with a minimum of 36 senior-level credits. Students must complete a minimum of nine credits at the 300-level and a minimum of six credits at the 400-level, not including PSYC 439. STAT 151 or STAT 161 is required for this major. STAT 161 is strongly recommended.

Note: Psychology is a competitive major. Psychology applicants are required to have completed PSYC 104, PSYC 105, STAT 151 or STAT 161 (recommended), and one 200-level PSYC class with no grade lower than C- in any of them. Students in good academic standing will be considered, but preference will be given to those students with an AGPA of 2.3 or higher. The AGPA is calculated using their most recent 24 credits of university-level course work, without breaking up a term.

Bachelor of Arts - Psychology Major

Code	Title	Credits
Specific Major Requirements		
PSYC 104	Introductory Psychology I	3
PSYC 105	Introductory Psychology II	3
PSYC 212	Introduction to Research Methods in Psychology	3
Choose 15 credits from the following:		15
PSYC 223	Developmental Psychology	
PSYC 233	Personality	
PSYC 241	Social Psychology	
PSYC 258	Cognitive Psychology	
PSYC 267	Perception	
PSYC 275	Brain and Behaviour	
PSYC 281	Principles of Behaviour	
General Major Requirements		
Choose 18 to 36 credits from senior-level PSYC or PABA		18-36
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Psychology Arts Honours

The Bachelor of Arts (BA) Psychology Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Psychology Honours program is comprised of 84 credits designated as Specific Honours Requirements, Approved Honours Options, Courses Outside the Discipline, and Flex Courses (PSYC, PABA, or courses outside of the discipline).

For consideration of acceptance into Psychology Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six PSYC credits completed at the senior-level, including PSYC 212
4. A minimum GPA of 3.3 across all senior-level PSYC and PABA courses

Students accepted and enrolled in the Psychology Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all senior-level PSYC and PABA courses for each 12 consecutive months following acceptance into the Honours program. Students must have an Honours Supervisor throughout their registration in the BA Honours degree program. Failure to meet these conditions will result in the student's program status reverting to a BA Psychology Major.

Students have the option of completing a minor within the requirements of the Psychology Honours program. Minors are comprised of 18 senior-level credits and can replace the Courses Outside the Discipline and Flex Courses. All BA degrees, including Honours, require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, minor, or options.

Note: Either STAT 151 or STAT 161 is required for Psychology Arts Honours. STAT 161 is strongly recommended.

Bachelor of Arts - Psychology Honours

Code	Title	Credits
Specific Honours Requirements		
PSYC 104	Introductory Psychology I	3
PSYC 105	Introductory Psychology II	3
PSYC 212	Introduction to Research Methods in Psychology	3
STAT 252	Applied Statistics II	3
PSYC 301	History of Psychology	3
PSYC 312	Advanced Research Methods	3
PSYC 400	Psychology Senior Seminar	3
PSYC 499A	Honours Thesis I	3
PSYC 499B	Honours Thesis II	3
Choose 15 credits from the following:		15
PSYC 223	Developmental Psychology	
PSYC 233	Personality	
PSYC 241	Social Psychology	
PSYC 258	Cognitive Psychology	
PSYC 267	Perception	

PSYC 275	Brain and Behaviour	
PSYC 281	Principles of Behaviour	
General Honours Requirements		
Approved Honours Options		
Choose 21 credits from senior-level PSYC or PABA courses in consultation with the psychology Honours advisor		21
Courses Outside the Discipline		
Choose 15 credits in consultation with the psychology Honours advisor		15
Flex Courses		
Choose 6 credits from PSYC, PABA, or courses outside of the discipline in consultation with the psychology Honours advisor		6
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		36
Total Credits		**120**

Psychology Minor

Total credits required for minor - 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400- level. PSYC 439 does not satisfy this requirement. Junior-level PSYC 104 and PSYC 105 are required.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PSYC		18
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.

ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Psychology Arts Major Program Learning Outcomes

Upon completion of a BA or BSc with a major in Psychology, students will be able to:

1. Acquire, integrate and apply psychological knowledge

a. Acquire content knowledge from multiple perspectives
b. Locate and critically evaluate information, literature, theories, and data
c. Incorporate new information into an existing psychological knowledge framework
d. Evaluate knowledge gaps and employ psychological principles to address them
e. Translate acquired skills and knowledge to personal and applied domains
f. Identify biases that can affect psychological phenomena

2. Evaluate psychological research

a. Assess the scientific method and its limitations
b. Distinguish between research methodologies
c. Appraise the limits of data and results in explaining psychological phenomena and how to communicate these limits when formulating and evaluating conclusions
d. Differentiate between scientific and non-scientific information

3. Design psychological research

a. Formulate research questions and testable hypotheses
b. Evaluate appropriate methodology
c. Predict expected results
d. Appraise statistical techniques
e. Draw conclusions from data

4. Effectively communicate psychological concepts

a. Produce effective written and oral communication employing a scientific vocabulary
b. Correctly paraphrase, cite, and reference sources
c. Differentiate between the formats in which scientists disseminate knowledge
d. Appraise audiences and tailor communication accordingly

5. Engage in professional conduct

a. Work collaboratively
b. Reflect on their responsibilities as members of the discipline
c. Recognize ethical challenges and the importance of individual and scientific integrity
d. Recognize the role of psychologists in a diverse society

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students should endeavour to complete PSYC 212 in Year 2. If not, they must complete this course in Year 3 as it is a prerequisite for all 400-level PSYC courses

Year 1	Credits
PSYC 104	3
PSYC 105	3
ENGL 102	3
Choose 3 credits (1 course) from the following:	3
STAT 151	
STAT 161	
Breadth Requirements	18
	30

Year 2	Credits
PSYC 212	3
Choose 15 credits (5 courses) from the following:	15
PSYC 223	
PSYC 233	
PSYC 241	
PSYC 258	
PSYC 267	
PSYC 275	
PSYC 281	
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	12
	30

Year 3	Credits
Choose 9 credits (3 courses) from 300-level PSYC	9
Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Year 4	Credits
Choose 6 credits (2 courses) from 400-level PSYC	6
Choose 3 credits (1 course) from senior-level PSYC	3

Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

PSYC 104	Introductory Psychology I
PSYC 105	Introductory Psychology II
PSYC 212	Introduction to Research Methods in Psychology
PSYC 223	Developmental Psychology
PSYC 233	Personality
PSYC 241	Social Psychology
PSYC 258	Cognitive Psychology
PSYC 267	Perception
PSYC 275	Brain and Behaviour
PSYC 281	Principles of Behaviour
PSYC 305	Topics in Psychology
PSYC 307	Health Psychology
PSYC 312	Advanced Research Methods
PSYC 315	Computational Thinking
PSYC 326	Atypical Development
PSYC 328	Adult Development and Aging
PSYC 333	Advanced Personality
PSYC 337	Forensic Psychology
PSYC 339	Abnormal Psychology
PSYC 350	Human Memory
PSYC 351	Spatial Cognition
PSYC 369	Psychology of Music
PSYC 370	Human Sexuality
PSYC 373	Evolution and Human Behaviour
PSYC 375	Applied Neuropharmacology
PSYC 377	Human Neuropsychology
PSYC 378	Laboratory in Brain and Cognition
PSYC 385	Introduction to Applied Behaviour Analysis
PSYC 405	Special Topics in Psychology
PSYC 431	Psychometrics
PSYC 435	Introduction to Clinical Psychology
PSYC 439	Psychology Field Placement
PSYC 440	Practice of Teaching in Psychology
PSYC 449	Topics in Social Psychology
PSYC 456	Cognitive Assessment

Winter 2025

PSYC 104	Introductory Psychology I
PSYC 105	Introductory Psychology II
PSYC 212	Introduction to Research Methods in Psychology
PSYC 223	Developmental Psychology
PSYC 233	Personality
PSYC 241	Social Psychology
PSYC 258	Cognitive Psychology
PSYC 267	Perception
PSYC 275	Brain and Behaviour
PSYC 281	Principles of Behaviour
PSYC 301	History of Psychology
PSYC 305	Topics in Psychology
PSYC 306	Sports Psychology
PSYC 307	Health Psychology
PSYC 315	Computational Thinking
PSYC 324	Infant Development
PSYC 333	Advanced Personality
PSYC 337	Forensic Psychology
PSYC 339	Abnormal Psychology
PSYC 350	Human Memory
PSYC 355	Social Cognition
PSYC 358	Comparative Cognition
PSYC 367	Laboratory in Human Perception
PSYC 370	Human Sexuality
PSYC 375	Applied Neuropharmacology
PSYC 377	Human Neuropsychology
PSYC 378	Laboratory in Brain and Cognition
PSYC 385	Introduction to Applied Behaviour Analysis
PSYC 400	Psychology Senior Seminar
PSYC 405	Special Topics in Psychology
PSYC 431	Psychometrics
PSYC 435	Introduction to Clinical Psychology
PSYC 437	Topics in Forensic Psychology
PSYC 438	Psychological Interviewing
PSYC 439	Psychology Field Placement
PSYC 440	Practice of Teaching in Psychology
PSYC 456	Cognitive Assessment
PSYC 467	Special Topics in Perception
PSYC 475	Comparative Neuroanatomy

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Psychology Courses

Psychology

PSYC 104
Introductory Psychology I
3 Credits Weekly (3-0-0)
A survey of natural science topics in Psychology. The course covers the evolution of psychological sciences, research methods, biological psychology, consciousness, principles and development of perception, motivation, learning, and their relationship to the psychological functioning of the individual. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105. Note that this course is typically delivered in a 'hybrid' style, with more online components and fewer in-class hours.

PSYC 105
Introductory Psychology II
3 Credits Weekly (3-0-0)
A survey of social science topics in Psychology. This course is an introduction to the study of individual and social behavior including individual differences in behaviour, thought, intelligence, human development, personality, social behaviour, stress responses, as well as psychological disorders and their treatment. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105. Please note that this course is typically delivered in a 'hybrid' format, with more content delivered online and fewer in-class hours.

PSYC 212
Introduction to Research Methods in Psychology
3 Credits Weekly (3-0-0)
This course provides an introduction to experimental and non experimental methods in psychology. Topics covered include philosophy of science; measurement; reliability and validity of methods, measures, and effects; survey design; correlational, experimental, quasi-experimental, qualitative, longitudinal and single-subject designs; biases in experimentation; and research ethics.
Prerequisites: Minimum grades of C- in PSYC 104, PSYC 105, and in STAT 151 or STAT 161 or equivalent, STAT 161 is strongly recommended.

PSYC 223
Developmental Psychology
3 Credits Weekly (3-0-0)
Many aspects of human nature and behaviour change during the process of development. This course reviews the physical, sensory, motor, cognitive, social, and emotional changes during various developmental stages. Development in infancy, childhood, and adolescence is emphasized.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 233
Personality
3 Credits Weekly (3-0-0)
In this survey of personality psychology, the student is introduced to a number of theoretical perspectives and methodological approaches to the study of personality. Additionally, assessment methods and research relevant to the study of personality are reviewed.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 241
Social Psychology
3 Credits Weekly (3-0-0)
This course is a survey of theories and research on topics such as attitudes and attitude change, person perception, attraction, pro-social behaviour, aggression and applied social psychology. Note: PSYC 241 and SOCI 241 may not both be taken for credit.
Prerequisites: Minimum grade of C- in PSYC 105 or in SOCI 100.

PSYC 258
Cognitive Psychology
3 Credits Weekly (3-0-0)
This course surveys a number of topics in cognitive psychology including perception, attention, knowledge representation, memory, learning, language, reasoning, and problem solving.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 267
Perception
3 Credits Weekly (3-0-0)
This course is an introduction to the theoretical and experimental issues associated with the sensory and perceptual experience of the world. The main emphasis is on understanding basic perceptual phenomena, such as the relation between physical stimuli and experience. To this end, we must consider: The nature of the physical stimuli; the anatomy and physiology of the sense organs and receptors; the anatomy and physiology of the neural paths from receptors to the brain; how the brain processes sensory information; and the procedures used by researchers to obtain information about these systems.
Prerequisites: Minimum grade of C- in PSYC 104.

PSYC 275
Brain and Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to physiological psychology. Topics include sensation, perception, movement, motivation, memory, cognition, learning, and emotion from a biological point of view.
Prerequisites: Minimum grade of C- in PSYC 104 (Biology 30 or equivalent is strongly recommended).

PSYC 281
Principles of Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the application of those findings to important aspects of human behaviour. Note: Students can only receive credit for one of PSYC 281 or PABA 281.
Prerequisites: Minimum grade of C- in PSYC 104.

PSYC 301
History of Psychology
3 Credits Weekly (3-0-0)
Psychology is a relatively young science, but its history is varied, intriguing and extends well beyond the first psychologists. From early philosophy, physiology and medicine, through the dawn of evolutionary theories and radical behaviourism, to the cognitive revolution and modern neuroscience, we examine the trends, competing theoretical perspectives and socio-political influences on the discipline in Western society.
Prerequisites: Minimum grades of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC 305
Topics in Psychology
3 Credits Weekly (3-0-0)
This course provides a focused study of a currently relevant or special topic in psychology. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair. In general, these topics are suitable for students in the 3rd or 4th year of their studies. Additional prerequisites will be required depending on the topic.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 and consent of the department.

PSYC 306
Sports Psychology
3 Credits Weekly (3-0-0)
This course is a study of the psychological factors that influence and are influenced by participation and performance in sport, exercise, and physical activity, and the application of the knowledge gained through this study to everyday settings.
Prerequisites: Minimum grades of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC 307
Health Psychology
3 Credits Weekly (3-0-0)
This course examines how biological, psychological, and social factors affect the efforts people make in maintaining health and addressing illness, the effectiveness with which they cope with and reduce stress and pain, and the recovery, rehabilitation and psychosocial adjustment of patients with serious health problems.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 plus at least two 200-level PSYC (p. 825) *courses.*

PSYC 312
Advanced Research Methods
3 Credits Weekly (3-2-0)
This course emphasizes the following aspects of research methodology: design, analysis, ethics, reporting of results, and issues relevant to various areas of specialization in psychology. The advantages and limitations of particular research designs are explored. Students have the opportunity to gain first-hand experience with different research methodologies along with data collection. Toward the end of the course, students have the opportunity to present the results of original data in various formats. Note: This is a required course for students registered in the honours program.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 315
Computational Thinking
3 Credits Weekly (3-0-0)
Students will develop computational thinking skills as an approach to problem solving in this course. Students will learn the logical procedures and steps in the computational thinking approach which include decomposition, pattern recognition, abstraction, and algorithm design. Note: Credit can only be obtained in one of PSYC 315 or MGTS 315.
Prerequisites: Third year standing as well as minimum grades of C- in PSYC 104 or 105, and in one of STAT 151, STAT 161, or MGTS 103.

PSYC 324
Infant Development
3 Credits Weekly (3-0-0)
This course reviews the biological and sociocultural influences on the development of human infants from conception up to the age of three. Research is discussed that has revealed the physical, cognitive, and psychosocial factors that serve to distinguish normal from abnormal developments. In addition, issues of concern to caregivers/parents are explored.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 326
Atypical Development
3 Credits Weekly (3-0-0)
This course provides a theoretical and practical framework for conceptualizing atypical development and psychological disorders of children and adolescents. Prevalent clinical phenomena, treatment methods, approaches to preventing psychological disorders, and promoting optimal development are presented. Developmental, individual, familial, and social factors associated with disruptions in normative psychosocial growth are examined.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 328
Adult Development and Aging
3 Credits Weekly (3-0-0)
This course describes and discusses development from early adulthood through the final stages of life. Topics include lifespan development theories and research methods, age changes in cognitive processes, intellectual functioning and personality, changes in relationships and work, physiological changes, psychopathology associated with aging, death and dying, and psychological services for the adult and the aged.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 333
Advanced Personality
3 Credits Weekly (3-0-0)
This course is intended to advance students' understanding of personality theory and research. It provides an in-depth analysis of relevant personality theories, and discusses challenges and controversies in the areas of personality structure and processes.
Prerequisites: Minimum grade of C- in PSYC 233.

PSYC 337
Forensic Psychology
3 Credits Weekly (3-0-0)
This course surveys the topic areas addressed by researchers interested in the interface between psychology and the law. The course examines the participation of psychologists and the application of psychological science within the criminal justice system. Topics may include: psychological factors associated with eyewitness and jury experiences, risk assessment, criminal profiling and police investigations, violent offenders, mental health and the criminal justice system, and the influence of psychology in the legal system.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 and at least two 200-level courses in PSYC *(*p. 825*).*

PSYC 339
Abnormal Psychology
3 Credits Weekly (3-0-0)
This course offers an introduction to topics that outline the study of abnormal behaviour. Using an integrated model that encompasses biological, psychological, and sociocultural perspectives, psychological disorders are examined on a wide range of issues that include assessment, etiology, and treatment. Topics and disorders may include anxiety disorders, mood disorders, sexual and gender identity disorders, eating disorders, sleep-wake disorders, addictive disorders, personality disorders, and schizophrenia.
Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105, plus at least one 200-level PSYC *(*p. 825*) course (PSYC 233 or PSYC 275 recommended).*

PSYC 350
Human Memory
3 Credits Weekly (3-0-0)
This course reviews theoretical perspectives and empirical research methods that are related to the study of human memory. These build upon historical/biological foundations and core models of memory, and extend to complex forms of memory (i.e., episodic, semantic, autobiographical), as well as everyday applications and enhancement of memory strategies. This course also reviews the nature of forgetting, amnesia, and memory disorders. In addition, popular culture claims regarding memory and applied memory issues (e.g., false memories, memory and the law) may be covered.
Prerequisites: Minimum grade of C- in PSYC 258.

PSYC 351
Spatial Cognition
3 Credits Weekly (3-0-0)
This course examines how people learn, remember, and use spatial information such as landmarks to navigate effectively. Students will learn how spatial information is represented and processed in the brain, the role of early-life experience, and training (e.g., playing video games). The course will also explore effects of culture, sex differences and individual differences in navigational ability, and why and how people get lost. Although this course is designed to focus on humans, relevant research on non-human animals is also discussed.
Prerequisites: Minimum grade of C- in PSYC 212, and in one of PSYC 258 or PSYC 358.

PSYC 355
Social Cognition
3 Credits Weekly (3-0-0)
This course focuses on how social interaction is mediated by cognitive mechanisms including perception, attention, memory, thinking, judgments, and reasoning. This examination involves reviewing theoretical perspectives (e.g., cognitive, neuroscience, evolutionary) and empirical research on a variety of topics including heuristics, social information processing, social memory, attitudes, attribution, judgement and decision making, interpersonal relationships, and prejudice. Note: Both PSYC 241 and PSYC 258 are recommended as prerequisites.
Prerequisites: A minimum grade of C- in PSYC 258 or PSYC 241.

PSYC 358
Comparative Cognition
3 Credits Weekly (3-0-0)
Cognitive skills and processes differ across species in ways that are functionally significant. This course explores similarities and differences in memory, recognition and discrimination, foraging and tool use, social learning, social intelligence, and communication across a variety of species.
Prerequisites: Minimum grades of C- in PSYC 212 and in either PSYC 281 or PSYC 373.

PSYC 367
Laboratory in Human Perception
3 Credits Weekly (2-1-0)
This course presents a practical introduction to techniques used to measure perceptual performance. Lectures cover advanced topics in sensation and perception with special emphasis on a specific modality such as vision. Students also conduct experiments and complete assignments that introduce practical skills related to perceptual and/or sensory performance measurement.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 267.

PSYC 369
Psychology of Music
3 Credits Weekly (3-0-0)
This course reviews theoretical perspectives and empirical research on the psychology of music. Students explore how people perceive, learn, perform, and respond emotionally to music, and how they process music in the brain. Other topics include the evolutionary origins of music, the use of music for therapeutic purposes, and the effect of music training on non-musical skills.
Prerequisites: Minimum grade of C- in PSYC 104 and 105, and in at least two 200-level PSYC *(*p. 825*).*

PSYC 370
Human Sexuality
3 Credits Weekly (3-0-0)
This course offers a multidisciplinary perspective of human sexuality in a diverse world. Human sexual function is explored from biological and developmental as well as psychosocial and cultural perspectives. There is also a comprehensive discussion of human reproduction and medical aspects of sexual function and dysfunction.
Prerequisites: Minimum grade of C- in at least three 300- or 400- level PSYC *(*p. 825*) courses.*

PSYC 373
Evolution and Human Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the study of human behaviour within an evolutionary context. Adaptive physiology, traits, perception, cognition, and other behaviours are explored by examining theories, methods, and results of research from various fields including psychology, anthropology, economics, and biology.
Prerequisites: Minimum grades of C- in two 200-level PSYC *(*p. 825*) courses.*

PSYC 375
Applied Neuropharmacology
3 Credits Weekly (3-0-0)
The course focuses on the mechanisms by which clinical and recreational drugs exert their effects. Students gain an understanding of drug action by examining neuropharmacology at molecular and cellular levels of analysis and exploring major neurotransmitter systems in the CNS (central nervous system). The effects of psychoactive drugs on major nervous system functions such as movement, sleep, and memory are reviewed. The pathogenesis and pharmacological management of major neurological and psychiatric disorders are also discussed.
Prerequisites: Minimum grade of C- in PSYC 275.

PSYC 377
Human Neuropsychology
3 Credits Weekly (3-0-0)
This course is an introduction to changes in behaviour and higher mental processes which result from structural changes to the brain. Through the use of clinical examples, the student becomes familiar with the neuroanatomical correlates of normal and abnormal behaviour in humans. The processes of neuropsychological assessment and diagnosis after insults to the brain is discussed.
Prerequisites: Minimum grade of C- in PSYC 275.

PSYC 378
Laboratory in Brain and Cognition
3 Credits Weekly (3-1-0)
The focus of this course will be on experimental design, hypothesis generation, data analysis and interpretation, scientific report writing, and scholarly communication. Students will gain hands-on experience in each of these areas through the in-depth study of select topics in brain and cognition.
Prerequisites: Minimum grades of C- in PSYC 212, PSYC 275, and one of either PSYC 267 or PSYC 258.

PSYC 385
Introduction to Applied Behaviour Analysis
3 Credits Weekly (3-0-0)
This course examines the ways in which principles of conditioning and learning have been applied to areas of human concern. The basic concepts, specific techniques, and ethical issues involved in the field of applied behaviour analysis are surveyed. Note: Students can only receive credit for one of PSYC 385 and PABA 385.
Prerequisites: Minimum grade of C- in PSYC 281.

PSYC 391
Psychology of Consciousness
3 Credits Weekly (3-0-0)
The course focuses on the relations between the subjective experience of consciousness and the theoretical concepts from a variety of psychological perspectives, including cognitive science, phenomenology, neuropsychology, developmental processes, evolutionary psychology, cross cultural psychology and transpersonal perspectives. Additionally, various experiences of consciousness are considered including sleep, dreams, drug effects, meditation, hypnosis, daydreaming, paranormal experiences, trance states, and near death experiences.
Prerequisites: Minimum grade of C- in PSYC 233 and at least one additional 200-level PSYC *(*p. 825*) course.*

PSYC 398
Independent Study
3 Credits Total (0-0-45)
This course permits a student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student builds academic skills under the direction of a faculty supervisor, to complete a research project or to learn a specialized technique. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 400
Psychology Senior Seminar
3 Credits Weekly (0-0-3)
The Psychology Senior Seminar allows students to integrate and apply the skills and knowledge acquired throughout their earlier training. Students focus on contemporary topics and controversies, including issues relevant to both academic and professional psychologists. Note: This course is required for students completing the Honours program in Psychology. Other Psychology majors who have completed PSYC 312 may request permission to enroll if space is available.
Prerequisites: A minimum grade of C- in PSYC 312 and consent of the department.

PSYC 405
Special Topics in Psychology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a psychology specialization or of a current issue in psychology. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair. In general, these topics are suitable for students in the 3rd or 4th year of their studies.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 408
Psychology of Well-being
3 Credits Weekly (0-0-3)
The scientific study of well-being focuses on the nature, development, and impact of thoughts, emotions, behaviours, strengths of character, environments, institutions, and societies that foster well-being and a meaningful life. This course examines historical and theoretical perspectives on the study of well-being and contemporary research on such topics as positive affect, resilience, self-regulation, mindfulness, and positive organizations. It also examines applications of well-being research to clinical psychology, physical health, and other domains.
Prerequisites: A minimum grade of C- in PSYC 212 and at least two 300- or 400-level courses in PSYC *(*p. 825*) .*

PSYC 423
Topics in Development
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a topic in developmental psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include the role of parents in development, prenatal development, infancy, adolescence, cognitive development, social development, physical development or ecological theories of development.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 223.

PSYC 431
Psychometrics
3 Credits Weekly (3-0-0)
This course provides an overview of theories, principles, and applications of psychological testing and assessment. The focus is on standardized psychological tests in the areas of intelligence, aptitude, personality, interests, and attitudes and values.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 435
Introduction to Clinical Psychology
3 Credits Weekly (0-0-3)
This course examines the profession of clinical psychology, including topics such as clinical assessment and diagnosis, clinical judgment and decision making, psycho-therapeutic and community interventions, and professional ethics.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 437
Topics in Forensic Psychology
3 Credits Weekly (0-0-3)
In this course, students critically discuss contemporary issues in forensic psychology in a seminar-based format. Material is drawn from both historical and current primary resources, with emphasis on research literature that explores theoretical and empirical approaches to the topic area. Evaluation is largely based on class presentations, participation, and written assignments. Topics vary from year to year, and may include (but are not limited to) psychopathy, deception, eyewitness memory, risk assessment, sexual and violent offenders, mental illness and crime, malingering, and ethical and legal issues in forensic psychology.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 337.

PSYC 438
Psychological Interviewing
3 Credits Weekly (3-0-0)
This course concerns the study and development of professional helping skills. Topics include the helping relationship, interviewing skills, listening skills, confrontation skills, ethical and legal decision-making, and prevention of professional burnout. Please note that a large portion of the course involves role-playing exercises and participation in these exercises counts for a significant portion of one's grade. Note: With consent of the department, PSYC 435 may be permitted as a co-requisite.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 435, and two of PSYC 326, PSYC 377, PSYC 385, PSYC 431, or PSYC 456.

PSYC 439
Psychology Field Placement
3 Credits Weekly (0-0-9)
In this course, students are assigned to a psychologist in a public, private, or non-profit program where they apply their knowledge of abnormal psychology in a supervised field placement. Each student is involved in a project that significantly contributes to the organization's clinical practice (e.g., program manual, guidelines for practice) or to the organization's research endeavours (e.g., evaluation of a service within the program). Notes: This course does not fulfill the 400-level credit requirement of the Psychology Major and Minor. The number of placements may be limited in any given term, and therefore course enrollment will be contingent on the student's grades in the prerequisite courses and on the student's interests and skills. Certain placements may require other course prerequisites or co-requisites, depending on the nature of the placement.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339, and consent of the department.

PSYC 440
Practice of Teaching in Psychology
3 Credits Total (0-0-45)
Students learn the skills and expectations associated with teaching psychology at the university level. They function as a teaching assistant and are mentored by various faculty members in the Department of Psychology. Throughout this course, they attend workshops and lectures on teaching methods, evaluation methods, detecting and deterring academic dishonesty, and ethics associated with the practice of teaching. Students are also expected to lead scheduled tutorial sessions and collaborate with a supervising instructor as well as with a TA coordinator.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 449
Topics in Social Psychology
3 Credits Weekly (0-0-3)
This course offers an in-depth study of a specific topic in social psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include eyewitness testimony, prejudice and discrimination, media influences on aggression, and interpersonal attraction.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 241.

PSYC 456
Cognitive Assessment
3 Credits Weekly (3-1-0)
This course covers the fundamentals of cognitive assessment, including test administration, scoring, interpretation, and report writing. The techniques and tools for evaluating several areas of cognitive functioning including intelligence, attention, memory, language, perception, learning, and complex cognitive processes such as critical thinking, problem solving, and creativity are surveyed. The Wechsler tests (e.g., WAIS-IV, WISC-IV, WPPSI-IV, WASI) and academic achievement measures are highlighted in this course.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 467
Special Topics in Perception
3 Credits Weekly (0-0-3)
In this course, students critically discuss contemporary issues in sensation and perception in a seminar-based format. Material is largely drawn from both historical and current primary resources, with an emphasis on research literature that explores links between neural mechanisms and perceptual performance. Evaluation is largely based on class participation and written assignments.
Prerequisites: Minimum grade of C- in PSYC 212 and in PSYC 267 or PSYC 275.

PSYC 473
Advanced Evolutionary Psychology
3 Credits Weekly (2-1-0)
Students examine theory and evidence related to evolutionary psychology as applied to humans and other animals. In addition to analysis of journal articles and other primary sources, students replicate several studies in the laboratory in order to see first-hand some typical research methods associated with the field.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 373.

PSYC 475
Comparative Neuroanatomy
3 Credits Weekly (2-1-0)
This is an advanced course in neuroanatomical organization, examining CNS (central nervous system) functions at molecular, cellular, and systems levels. The anatomy and functions of various tract systems and nuclei are compared across species and across levels of the nervous system. Fundamental concepts of nervous system organization, such as principles of neural coding and efficiency in wiring, and columnar organization of the cortex are discussed. The course features a combination of lectures and seminars based on readings of primary empirical literature. This course includes lab work in the gross CNS anatomy of a variety of species.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 275 and in two of PSYC 358, PSYC 367, PSYC 375, or PSYC 377; or consent of the department.

PSYC 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is open only to students in the Psychology honours program. Students complete both PSYC 499A and 499B in consecutive terms to attain credit in this course.
Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

PSYC 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is open only to students in the Psychology honours program. Students must complete both PSYC 499A and 499B in consecutive terms to attain credit in this course.
Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

Psychology: Applied Behavioural Analysis

PABA 281
Principles of Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the application of those findings to important aspects of human behaviour. Note: Students can only receive credit for one of PSYC 281 or PABA 281.
Prerequisites: Minimum grade of C- in PSYC 104.

PABA 385
Introduction to Applied Behaviour Analysis
3 Credits Weekly (3-0-0)
This course examines the ways in which principles of conditioning and learning have been applied to areas of human concern. The basic concepts, specific techniques, and ethical issues involved in the field of applied behaviour analysis are surveyed. Note: Students can only receive credit for one of PSYC 385 and PABA 385.
Prerequisites: Minimum grade of C- in PSYC 281.

PABA 485
Single-Case Research Designs
3 Credits Weekly (3-0-0)
This course is an introduction to single-case research designs. It examines the use of single-case designs to assess various dimensions of behaviour and evaluate the effects of behavioural interventions. The challenges and limitations of single-case research are discussed, as well as the manner in which single-case data can be used to establish the validity of evidence-based interventions. The course encompasses a broad range of research within both the behaviour analytic literature and other disciplines including school psychology, medicine, and business.
Prerequisites: A minimum grade of C- in PSYC 385.

PABA 486
Behavioural Interventions in Developmental Disabilities
3 Credits Weekly (3-0-0)
This course examines the application of behaviour analysis in practice with developmental disabilities, specifically in autism. The course examines the research and the clinical recommendations for behavioural interventions in practice. The course also discusses the practice guidelines by the BACB and the National Standards Project in Autism.
Prerequisites: A minimum grade of C- in PSYC 385.

PABA 487
Clinical Behaviour Analysis and Professional Ethics
3 Credits Weekly (3-0-0)
Psychotherapies rooted in behaviour analysis include functional analytic psychotherapy, behaviour activation therapies, dialectical behaviour theory, and acceptance and commitment therapy. This course will focus on interventions with verbally competent clients (including self-management) by examining language development from a behaviouristic perspective, and by analyzing advanced language and cognition from a post-Skinnerian viewpoint (i.e., relational frame theory, derived relations, rule-governed behaviour, etc.). This course will also focus on the ethical standards for behaviour analysis in professional practice. NOTE: Students cannot receive credit for both PABA 386 and PABA 487.
Prerequisites: A minimum grade of C- in PSYC 281 and PSYC 385.

Psychology - Bachelor of Science

Overview

As scientists, psychologists conduct research in a wide range of areas, including child development, learning, perception, personality, and social interaction. As practitioners, psychologists apply knowledge acquired through research to alleviate distress and improve the lives of others. Whether through a Bachelor of Arts or Bachelor of Science degree, majoring in Psychology prepares students to understand and appreciate the many factors that influence behaviour. Under the guidance of professors with expertise ranging from forensic and clinical psychology to neuroscience and health, students gain hands-on experience in the scientific analysis of behaviour. Opportunities are available to take on independent research projects, enroll in field placements, or register in the honours program. MacEwan's Psychology majors graduate with the knowledge and critical thinking skills that almost all employers are seeking, with students interested in further studies being well-positioned to apply to graduate programs. Psychology is also a popular major for students wishing to enter professional programs, such as law, medicine, social work, or occupational therapy.

Contact Information

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Bachelor of Science

Faculty of Arts and Science

MacEwan.ca/Science (http://MacEwan.ca/Science/)

The Bachelor of Science (BSc) is a foundational general degree that provides broad and widely applicable knowledge and abilities rather than a niche specialization. This broad base equips graduates with generalist knowledge and skills that give the flexibility and agility so highly valued in a dynamic world economy. It also offers students a solid foundation to specialize in future employment or further schooling.

The degree provides a breadth of study across various Arts and Science disciplines and sets the foundation for later years. The major and minor areas of study allow students to focus and gain in-depth expertise in complementary or entirely disparate disciplines; there is a wide array of possible combinations. Finally, options enable students to explore courses outside their disciplines or even within their program, enhancing their diversity of learning. The small classes, close interaction between instructors and students, opportunities for individual study, and faculty with a strong focus on teaching are signature strengths of this program.

General Program Information

The BSc requires students to complete 120 credits of non-duplicative coursework. The BSc emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in a Science discipline.

All newly admitted students enter the BSc program as “Undeclared.” Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BSc, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Science Disciplines

Discipline	Major	Minor	Honours
Applied Statistics	◉	-	◉
Biological Sciences	◉	◉	◉
Chemistry	◉	◉	-
Computer Science	◉	◉	-
Earth and Planetary Sciences	-	◉	-
Environmental Sciences	-	◉	-
Mathematics	◉	◉	◉
Mathematical Sciences	◉	-	-
Planetary Physics	-	◉	-
Physical Sciences	◉	-	-
Physics	-	◉	-
Psychology	◉	◉	◉
Statistics	-	◉	-

Arts Disciplines

Discipline	Major	Minor
Anthropology	◉	◉
Classics		◉
Creative Writing		◉
Economics	◉	◉
English	◉	◉
Film Minor for Arts and Science		◉
French		◉
Gender Studies		◉
History	◉	◉
Philosophy	◉	◉
Political Science	◉	◉
Sociology	◉	◉
Spanish		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Science

Students with an accredited diploma can ladder into the Bachelor of Science (BSc) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering process, please visit www.macewan.ca/bscstudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities can take their pre-professional programs in the Faculty of Arts and Science at MacEwan University. The university offers the first and second years of several pre-professional programs, including chiropractic medicine, dental hygiene, dentistry, medical laboratory science, medicine, optometry, pharmacy, and veterinary medicine. All courses in these pre-professional programs are credit courses, and, as such, they may apply to the degrees offered by MacEwan University.

Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent

professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Science degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options. BIOL, CHEM, EASC, or PHYS courses must include a laboratory component.

Breadth Element	Description	Credits
Biological or Earth and Planetary Sciences	BIOL or EASC (not including BIOL 101, BIOL 102, or BIOL 103)	6
Chemistry or Physics	CHEM or PHYS	6
English	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211)	6
Humanities	CLAS, COMP, HIST, HUMN, PHIL or a language other than English	6
Mathematical Sciences	One of MATH 114, MATH 120, or MATH 125, and 3 credits in MATH, STAT, or CMPT (not including MATH 160, MATH 170, or CMPT 104)	6
Social Sciences	ANTH, ECON, GEND, LING, POLS, PSYC, or SOCI	6

Bachelor of Science Degree

Program Element	Description	Credits
Primary Major	The Science major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.[1]	42-60
Secondary Major or Minor(s)	Students have the option of completing a second Science or Arts major, or one or two minors. Minor courses must be completed at the senior-level.[1]	18-60
Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses	Up to 60
	Total Degree Credits Including Breadth	120

1

Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Bachelor of Science Honours

Program Element	Description	Credits
Minimum Honours Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits Including Breadth	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors

including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options
ACUP 220, ACUP 303, and ACUP 304 (must complete all three courses)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options; fulfills Humanities Breadth
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 211	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 302	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 303	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 339	ARTOP 3XX	Options; fulfills Social Science Breadth
CYCW 340	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP 2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 115	ARTOP 1XX	Options

ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options
HLSC 104	SCIOP 1XX	Options
HLSC 105	SCIOP 1XX	Options
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements
HLST 150	SCIOP 1XX	Options
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements
MTST 161, MTST 162, MTST 260, MTST 261, MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 109	SCIOP 1XX	Options
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements

PEDS 203	SCIOP 2XX	Options
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements
PEDS 209	ARTOP 2XX	Options
PEDS 240	SCIOP 1XX	Options
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options; fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options
THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 214	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	COSL 200	Options
THPR 224	COSL 200	Options

Psychology Requirements - Bachelor of Science

Psychology Science Major

Psychology Science Honours

Psychology Minor

Psychology Science Major

The Bachelor of Science (BSc) in Psychology program requires students to complete 120 credits of non-duplicative coursework. In addition to the Psychology Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Science major

Students are required to complete option courses as well as fulfill the major(s) and minor(s). All BSc degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Psychology Major is 42 to 60 non-duplicative psychology credits with a minimum of 36 senior-level credits. Students must complete a minimum of nine credits at the 300-level and a minimum of six credits at the 400-level, not including PSYC 439. Students in the Psychology Science major are required to complete BIOL 107, BIOL 108, and one of STAT 151 or STAT 161. STAT 161 is strongly recommended.

Note: Psychology is a competitive major. Psychology applicants are required to have completed PSYC 104, PSYC 105, STAT 151 or STAT 161 (recommended), and one 200-level PSYC class with no grade lower than C- in any of them. Students in good academic standing will be considered, but preference will be given to those students with an AGPA of 2.3 or higher. The AGPA is calculated using their most recent 24 credits of university-level course work, without breaking up a term.

Bachelor of Science - Psychology Major

Code	Title	Credits
Specific Major Requirements		
PSYC 104	Introductory Psychology I	3
PSYC 105	Introductory Psychology II	3
PSYC 212	Introduction to Research Methods in Psychology	3
Choose 15 credits from the following:		15
PSYC 223	Developmental Psychology	
PSYC 233	Personality	
PSYC 241	Social Psychology	
PSYC 258	Cognitive Psychology	
PSYC 267	Perception	
PSYC 275	Brain and Behaviour	
PSYC 281	Principles of Behaviour	
General Major Requirements		
Choose 18 to 36 credits from senior-level PSYC or PABA		18-36
Secondary Major or Minor(s)		
Students have the option of completing a second Science major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		

Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	0-60
Total Credits	**120**

Psychology Science Honours

The Bachelor of Science (BSc) Psychology Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Psychology Honours program is comprised of 84 credits designated as Specific Honours Requirements, Approved Honours Options, Courses Outside the Discipline, and Flex Courses (PSYC, PABA, or courses outside of the discipline).

For consideration of acceptance into Psychology Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher
2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six PSYC credits completed at the senior-level, including PSYC 212
4. A minimum GPA of 3.3 across all senior-level PSYC and PABA courses

Students accepted and enrolled in the Psychology Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all senior-level PSYC and PABA courses for each 12 consecutive months following acceptance into the Honours program. Students must have an Honours Supervisor throughout their registration in the BSc Honours degree program. Failure to meet these conditions will result in the student's program status reverting to a BSc Psychology Major.

Students have the option of completing a minor within the requirements of the Psychology Honours program. Minors are comprised of 18 senior-level credits and can replace the Courses Outside the Discipline and Flex Courses. All BSc degrees, including Honours, require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, minor, or options.

Note: Junior-level courses BIOL 107, BIOL 108, and either STAT 151 or STAT 161 are required for Psychology Science Honours. STAT 161 is strongly recommended.

Bachelor of Science - Psychology Honours

Code	Title	Credits
Specific Honours Requirements		
PSYC 104	Introductory Psychology I	3
PSYC 105	Introductory Psychology II	3
PSYC 212	Introduction to Research Methods in Psychology	3
STAT 252	Applied Statistics II	3
PSYC 301	History of Psychology	3
PSYC 312	Advanced Research Methods	3
PSYC 400	Psychology Senior Seminar	3
PSYC 499A	Honours Thesis I	3
PSYC 499B	Honours Thesis II	3
Choose 15 credits from the following:		15
PSYC 223	Developmental Psychology	
PSYC 233	Personality	
PSYC 241	Social Psychology	
PSYC 258	Cognitive Psychology	
PSYC 267	Perception	
PSYC 275	Brain and Behaviour	
PSYC 281	Principles of Behaviour	
General Honours Requirements		
Approved Honours Options		
Choose 21 credits of senior-level PSYC or PABA courses in consultation with the psychology Honours advisor		21
Courses Outside the Discipline		
Choose 15 credits in consultation with the psychology Honours advisor		15
Flex Courses		
Choose 6 credits of PSYC, PABA, or courses outside of the discipline in consultation with the psychology Honours advisor		6
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		36
Total Credits		**120**

Psychology Minor

Total credits required for minor - 18 senior-level credits.

A minimum of six credits must be completed at the 300- or 400- level. PSYC 439 does not satisfy this requirement. Junior-level PSYC 104 and PSYC 105 are required.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level PSYC		18
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the faculty advisors about program planning.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Science (BSc), students must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits in a minor at the senior-level, with at least three of those credits completed at the 300- or 400-level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BSc.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BSc. Forty-five of these credits must be completed while the students is enrolled in the BSc. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil the major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and Minor

Students are advised to declare a primary major and minor, or primary major and a secondary major, or a major and two minors by the time they have completed 45 credits. Primary majors are selected from Science disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Science or Arts discipline. Multi-disciplinary majors consist of 60-72 junior- and senior-level credits. Except for students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit students to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor prior to this declaration. Students majoring in mathematical or physical sciences may pursue a minor but are not required to do so.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Science students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which a student declares their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after this date are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan Academic Calendar.

Junior - and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400- Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses) excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the B.Sc. degree. Additional courses at the 100-level are extra to the 120 credits required to complete the B.Sc. degree and will not be counted toward fulfilment of graduation requirements.

Minimum Science Courses

Students are required to complete successfully a minimum of 72 total credits from Science courses.

Minimum Passing Grade

A minimum grade of D or credit CR is required for all Science degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BSc and do not count as out-of-Faculty options.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Science program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average

Students accepted and enrolled in the Science Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to BSc with a major in the previous Honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 on all courses credited toward the Honours program of study.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Psychology Science Major Program Learning Outcomes

Upon completion of a BA or BSc with a major in Psychology, students will be able to:

1. Acquire, integrate and apply psychological knowledge

1. Acquire content knowledge from multiple perspectives
2. Locate and critically evaluate information, literature, theories, and data
3. Incorporate new information into an existing psychological knowledge framework
4. Evaluate knowledge gaps and employ psychological principles to address them
5. Translate acquired skills and knowledge to personal and applied domains
6. Identify biases that can affect psychological phenomena

2. Evaluate psychological research

1. Assess the scientific method and its limitations
2. Distinguish between research methodologies
3. Appraise the limits of data and results in explaining psychological phenomena and how to communicate these limits when formulating and evaluating conclusions
4. Differentiate between scientific and non-scientific information

3. Design psychological research

1. Formulate research questions and testable hypotheses
2. Evaluate appropriate methodology
3. Predict expected results
4. Appraise statistical techniques
5. Draw conclusions from data

4. Effectively communicate psychological concepts

1. Produce effective written and oral communication employing a scientific vocabulary
2. Correctly paraphrase, cite, and reference sources
3. Differentiate between the formats in which scientists disseminate knowledge
4. Appraise audiences and tailor communication accordingly

5. Engage in professional conduct

1. Work collaboratively
2. Reflect on their responsibilities as members of the discipline

3. Recognize ethical challenges and the importance of individual and scientific integrity
4. Recognize the role of psychologists in a diverse society

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students should endeavour to complete PSYC 212 in Year 2. If not, they must complete this course in Year 3 as it is a prerequisite for all 400-level PSYC courses

Year 1	Credits
PSYC 104	3
PSYC 105	3
BIOL 107	3
BIOL 108	3
ENGL 102	3
Choose 3 credits (1 course) from the following:	3
STAT 151	
STAT 161	
Breadth Requirements	12
	30

Year 2	Credits
PSYC 212	3
Choose 15 credits (5 courses) from the following:	15
PSYC 223	
PSYC 233	
PSYC 241	
PSYC 258	
PSYC 267	
PSYC 275	
PSYC 281	
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	12
	30

Year 3	Credits
Choose 9 credits (3 courses) from 300-level PSYC	9
Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Year 4	Credits
Choose 6 credits (2 courses) from 400-level PSYC	6
Choose 3 credits (1 course) from senior-level PSYC	3
Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

PSYC 104	Introductory Psychology I
PSYC 105	Introductory Psychology II
PSYC 212	Introduction to Research Methods in Psychology
PSYC 223	Developmental Psychology
PSYC 233	Personality
PSYC 241	Social Psychology
PSYC 258	Cognitive Psychology
PSYC 267	Perception
PSYC 275	Brain and Behaviour
PSYC 281	Principles of Behaviour
PSYC 305	Topics in Psychology
PSYC 307	Health Psychology
PSYC 312	Advanced Research Methods
PSYC 315	Computational Thinking
PSYC 326	Atypical Development
PSYC 328	Adult Development and Aging
PSYC 333	Advanced Personality
PSYC 337	Forensic Psychology
PSYC 339	Abnormal Psychology
PSYC 350	Human Memory
PSYC 351	Spatial Cognition
PSYC 369	Psychology of Music
PSYC 370	Human Sexuality
PSYC 373	Evolution and Human Behaviour
PSYC 375	Applied Neuropharmacology
PSYC 377	Human Neuropsychology
PSYC 378	Laboratory in Brain and Cognition
PSYC 385	Introduction to Applied Behaviour Analysis
PSYC 405	Special Topics in Psychology
PSYC 431	Psychometrics
PSYC 435	Introduction to Clinical Psychology
PSYC 437	Topics in Forensic Psychology
PSYC 439	Psychology Field Placement
PSYC 440	Practice of Teaching in Psychology
PSYC 449	Topics in Social Psychology
PSYC 456	Cognitive Assessment

Winter 2025

PSYC 104	Introductory Psychology I
PSYC 105	Introductory Psychology II
PSYC 212	Introduction to Research Methods in Psychology

PSYC 223	Developmental Psychology
PSYC 233	Personality
PSYC 241	Social Psychology
PSYC 258	Cognitive Psychology
PSYC 267	Perception
PSYC 275	Brain and Behaviour
PSYC 281	Principles of Behaviour
PSYC 301	History of Psychology
PSYC 305	Topics in Psychology
PSYC 306	Sports Psychology
PSYC 307	Health Psychology
PSYC 315	Computational Thinking
PSYC 324	Infant Development
PSYC 333	Advanced Personality
PSYC 337	Forensic Psychology
PSYC 339	Abnormal Psychology
PSYC 350	Human Memory
PSYC 355	Social Cognition
PSYC 358	Comparative Cognition
PSYC 367	Laboratory in Human Perception
PSYC 370	Human Sexuality
PSYC 375	Applied Neuropharmacology
PSYC 377	Human Neuropsychology
PSYC 378	Laboratory in Brain and Cognition
PSYC 385	Introduction to Applied Behaviour Analysis
PSYC 400	Psychology Senior Seminar
PSYC 405	Special Topics in Psychology
PSYC 431	Psychometrics
PSYC 435	Introduction to Clinical Psychology
PSYC 437	Topics in Forensic Psychology
PSYC 438	Psychological Interviewing
PSYC 439	Psychology Field Placement
PSYC 440	Practice of Teaching in Psychology
PSYC 456	Cognitive Assessment
PSYC 467	Special Topics in Perception
PSYC 475	Comparative Neuroanatomy

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Career and Technology Studies (5 credits)
4. One subject from Group A, B, C or D

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1
3. Two of Biology 30, Chemistry 30, Mathematics 31, Physics 30, or Computing Science-Advanced Level Career and Technology Studies (5 credits)

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following:

- A minimum of 24 university-level credits, from a recognized institution, with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
- The required mathematics and science courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Psychology Courses

Psychology

PSYC 104
Introductory Psychology I
3 Credits Weekly (3-0-0)
A survey of natural science topics in Psychology. The course covers the evolution of psychological sciences, research methods, biological psychology, consciousness, principles and development of perception, motivation, learning, and their relationship to the psychological functioning of the individual. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105. Note that this course is typically delivered in a 'hybrid' style, with more online components and fewer in-class hours.

PSYC 105
Introductory Psychology II
3 Credits Weekly (3-0-0)
A survey of social science topics in Psychology. This course is an introduction to the study of individual and social behavior including individual differences in behaviour, thought, intelligence, human development, personality, social behaviour, stress responses, as well as psychological disorders and their treatment. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105. Please note that this course is typically delivered in a 'hybrid' format, with more content delivered online and fewer in-class hours.

PSYC 212
Introduction to Research Methods in Psychology
3 Credits Weekly (3-0-0)
This course provides an introduction to experimental and non experimental methods in psychology. Topics covered include philosophy of science; measurement; reliability and validity of methods, measures, and effects; survey design; correlational, experimental, quasi-experimental, qualitative, longitudinal and single-subject designs; biases in experimentation; and research ethics.
Prerequisites: Minimum grades of C- in PSYC 104, PSYC 105, and in STAT 151 or STAT 161 or equivalent, STAT 161 is strongly recommended.

PSYC 223
Developmental Psychology
3 Credits Weekly (3-0-0)
Many aspects of human nature and behaviour change during the process of development. This course reviews the physical, sensory, motor, cognitive, social, and emotional changes during various developmental stages. Development in infancy, childhood, and adolescence is emphasized.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 233
Personality
3 Credits Weekly (3-0-0)
In this survey of personality psychology, the student is introduced to a number of theoretical perspectives and methodological approaches to the study of personality. Additionally, assessment methods and research relevant to the study of personality are reviewed.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 241
Social Psychology
3 Credits Weekly (3-0-0)
This course is a survey of theories and research on topics such as attitudes and attitude change, person perception, attraction, pro-social behaviour, aggression and applied social psychology. Note: PSYC 241 and SOCI 241 may not both be taken for credit.
Prerequisites: Minimum grade of C- in PSYC 105 or in SOCI 100.

PSYC 258
Cognitive Psychology
3 Credits Weekly (3-0-0)
This course surveys a number of topics in cognitive psychology including perception, attention, knowledge representation, memory, learning, language, reasoning, and problem solving.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 267
Perception
3 Credits Weekly (3-0-0)
This course is an introduction to the theoretical and experimental issues associated with the sensory and perceptual experience of the world. The main emphasis is on understanding basic perceptual phenomena, such as the relation between physical stimuli and experience. To this end, we must consider: The nature of the physical stimuli; the anatomy and physiology of the sense organs and receptors; the anatomy and physiology of the neural paths from receptors to the brain; how the brain processes sensory information; and the procedures used by researchers to obtain information about these systems.
Prerequisites: Minimum grade of C- in PSYC 104.

PSYC 275
Brain and Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to physiological psychology. Topics include sensation, perception, movement, motivation, memory, cognition, learning, and emotion from a biological point of view.
Prerequisites: Minimum grade of C- in PSYC 104 (Biology 30 or equivalent is strongly recommended).

PSYC 281
Principles of Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the application of those findings to important aspects of human behaviour. Note: Students can only receive credit for one of PSYC 281 or PABA 281.
Prerequisites: Minimum grade of C- in PSYC 104.

PSYC 301
History of Psychology
3 Credits Weekly (3-0-0)
Psychology is a relatively young science, but its history is varied, intriguing and extends well beyond the first psychologists. From early philosophy, physiology and medicine, through the dawn of evolutionary theories and radical behaviourism, to the cognitive revolution and modern neuroscience, we examine the trends, competing theoretical perspectives and socio-political influences on the discipline in Western society.
Prerequisites: Minimum grades of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC 305
Topics in Psychology
3 Credits Weekly (3-0-0)
This course provides a focused study of a currently relevant or special topic in psychology. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair. In general, these topics are suitable for students in the 3rd or 4th year of their studies. Additional prerequisites will be required depending on the topic.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 and consent of the department.

PSYC 306
Sports Psychology
3 Credits Weekly (3-0-0)
This course is a study of the psychological factors that influence and are influenced by participation and performance in sport, exercise, and physical activity, and the application of the knowledge gained through this study to everyday settings.
Prerequisites: Minimum grades of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC 307
Health Psychology
3 Credits Weekly (3-0-0)
This course examines how biological, psychological, and social factors affect the efforts people make in maintaining health and addressing illness, the effectiveness with which they cope with and reduce stress and pain, and the recovery, rehabilitation and psychosocial adjustment of patients with serious health problems.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 plus at least two 200-level PSYC (p. 825) *courses.*

PSYC 312
Advanced Research Methods
3 Credits Weekly (3-2-0)
This course emphasizes the following aspects of research methodology: design, analysis, ethics, reporting of results, and issues relevant to various areas of specialization in psychology. The advantages and limitations of particular research designs are explored. Students have the opportunity to gain first-hand experience with different research methodologies along with data collection. Toward the end of the course, students have the opportunity to present the results of original data in various formats. Note: This is a required course for students registered in the honours program.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 315
Computational Thinking
3 Credits Weekly (3-0-0)
Students will develop computational thinking skills as an approach to problem solving in this course. Students will learn the logical procedures and steps in the computational thinking approach which include decomposition, pattern recognition, abstraction, and algorithm design. Note: Credit can only be obtained in one of PSYC 315 or MGTS 315.
Prerequisites: Third year standing as well as minimum grades of C- in PSYC 104 or 105, and in one of STAT 151, STAT 161, or MGTS 103.

PSYC 324
Infant Development
3 Credits Weekly (3-0-0)
This course reviews the biological and sociocultural influences on the development of human infants from conception up to the age of three. Research is discussed that has revealed the physical, cognitive, and psychosocial factors that serve to distinguish normal from abnormal developments. In addition, issues of concern to caregivers/parents are explored.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 326
Atypical Development
3 Credits Weekly (3-0-0)
This course provides a theoretical and practical framework for conceptualizing atypical development and psychological disorders of children and adolescents. Prevalent clinical phenomena, treatment methods, approaches to preventing psychological disorders, and promoting optimal development are presented. Developmental, individual, familial, and social factors associated with disruptions in normative psychosocial growth are examined.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 328
Adult Development and Aging
3 Credits Weekly (3-0-0)
This course describes and discusses development from early adulthood through the final stages of life. Topics include lifespan development theories and research methods, age changes in cognitive processes, intellectual functioning and personality, changes in relationships and work, physiological changes, psychopathology associated with aging, death and dying, and psychological services for the adult and the aged.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 333
Advanced Personality
3 Credits Weekly (3-0-0)
This course is intended to advance students' understanding of personality theory and research. It provides an in-depth analysis of relevant personality theories, and discusses challenges and controversies in the areas of personality structure and processes.
Prerequisites: Minimum grade of C- in PSYC 233.

PSYC 337
Forensic Psychology
3 Credits Weekly (3-0-0)
This course surveys the topic areas addressed by researchers interested in the interface between psychology and the law. The course examines the participation of psychologists and the application of psychological science within the criminal justice system. Topics may include: psychological factors associated with eyewitness and jury experiences, risk assessment, criminal profiling and police investigations, violent offenders, mental health and the criminal justice system, and the influence of psychology in the legal system.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 and at least two 200-level courses in PSYC *(*p. 825*).*

PSYC 339
Abnormal Psychology
3 Credits Weekly (3-0-0)
This course offers an introduction to topics that outline the study of abnormal behaviour. Using an integrated model that encompasses biological, psychological, and sociocultural perspectives, psychological disorders are examined on a wide range of issues that include assessment, etiology, and treatment. Topics and disorders may include anxiety disorders, mood disorders, sexual and gender identity disorders, eating disorders, sleep-wake disorders, addictive disorders, personality disorders, and schizophrenia.
Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105, plus at least one 200-level PSYC *(*p. 825*) course (PSYC 233 or PSYC 275 recommended).*

PSYC 350
Human Memory
3 Credits Weekly (3-0-0)
This course reviews theoretical perspectives and empirical research methods that are related to the study of human memory. These build upon historical/biological foundations and core models of memory, and extend to complex forms of memory (i.e., episodic, semantic, autobiographical), as well as everyday applications and enhancement of memory strategies. This course also reviews the nature of forgetting, amnesia, and memory disorders. In addition, popular culture claims regarding memory and applied memory issues (e.g., false memories, memory and the law) may be covered.
Prerequisites: Minimum grade of C- in PSYC 258.

PSYC 351
Spatial Cognition
3 Credits Weekly (3-0-0)
This course examines how people learn, remember, and use spatial information such as landmarks to navigate effectively. Students will learn how spatial information is represented and processed in the brain, the role of early-life experience, and training (e.g., playing video games). The course will also explore effects of culture, sex differences and individual differences in navigational ability, and why and how people get lost. Although this course is designed to focus on humans, relevant research on non-human animals is also discussed.
Prerequisites: Minimum grade of C- in PSYC 212, and in one of PSYC 258 or PSYC 358.

PSYC 355
Social Cognition
3 Credits Weekly (3-0-0)
This course focuses on how social interaction is mediated by cognitive mechanisms including perception, attention, memory, thinking, judgments, and reasoning. This examination involves reviewing theoretical perspectives (e.g., cognitive, neuroscience, evolutionary) and empirical research on a variety of topics including heuristics, social information processing, social memory, attitudes, attribution, judgement and decision making, interpersonal relationships, and prejudice. Note: Both PSYC 241 and PSYC 258 are recommended as prerequisites.
Prerequisites: A minimum grade of C- in PSYC 258 or PSYC 241.

PSYC 358
Comparative Cognition
3 Credits Weekly (3-0-0)
Cognitive skills and processes differ across species in ways that are functionally significant. This course explores similarities and differences in memory, recognition and discrimination, foraging and tool use, social learning, social intelligence, and communication across a variety of species.
Prerequisites: Minimum grades of C- in PSYC 212 and in either PSYC 281 or PSYC 373.

PSYC 367
Laboratory in Human Perception
3 Credits Weekly (2-1-0)
This course presents a practical introduction to techniques used to measure perceptual performance. Lectures cover advanced topics in sensation and perception with special emphasis on a specific modality such as vision. Students also conduct experiments and complete assignments that introduce practical skills related to perceptual and/or sensory performance measurement.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 267.

PSYC 369
Psychology of Music
3 Credits Weekly (3-0-0)
This course reviews theoretical perspectives and empirical research on the psychology of music. Students explore how people perceive, learn, perform, and respond emotionally to music, and how they process music in the brain. Other topics include the evolutionary origins of music, the use of music for therapeutic purposes, and the effect of music training on non-musical skills.
Prerequisites: Minimum grade of C- in PSYC 104 and 105, and in at least two 200-level PSYC *(*p. 825*).*

PSYC 370
Human Sexuality
3 Credits Weekly (3-0-0)
This course offers a multidisciplinary perspective of human sexuality in a diverse world. Human sexual function is explored from biological and developmental as well as psychosocial and cultural perspectives. There is also a comprehensive discussion of human reproduction and medical aspects of sexual function and dysfunction.
Prerequisites: Minimum grade of C- in at least three 300- or 400- level PSYC *(*p. 825*) courses.*

PSYC 373
Evolution and Human Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the study of human behaviour within an evolutionary context. Adaptive physiology, traits, perception, cognition, and other behaviours are explored by examining theories, methods, and results of research from various fields including psychology, anthropology, economics, and biology.
Prerequisites: Minimum grades of C- in two 200-level PSYC *(*p. 825*) courses.*

PSYC 375
Applied Neuropharmacology
3 Credits Weekly (3-0-0)
The course focuses on the mechanisms by which clinical and recreational drugs exert their effects. Students gain an understanding of drug action by examining neuropharmacology at molecular and cellular levels of analysis and exploring major neurotransmitter systems in the CNS (central nervous system). The effects of psychoactive drugs on major nervous system functions such as movement, sleep, and memory are reviewed. The pathogenesis and pharmacological management of major neurological and psychiatric disorders are also discussed.
Prerequisites: Minimum grade of C- in PSYC 275.

PSYC 377
Human Neuropsychology
3 Credits Weekly (3-0-0)
This course is an introduction to changes in behaviour and higher mental processes which result from structural changes to the brain. Through the use of clinical examples, the student becomes familiar with the neuroanatomical correlates of normal and abnormal behaviour in humans. The processes of neuropsychological assessment and diagnosis after insults to the brain is discussed.
Prerequisites: Minimum grade of C- in PSYC 275.

PSYC 378
Laboratory in Brain and Cognition
3 Credits Weekly (3-1-0)
The focus of this course will be on experimental design, hypothesis generation, data analysis and interpretation, scientific report writing, and scholarly communication. Students will gain hands-on experience in each of these areas through the in-depth study of select topics in brain and cognition.
Prerequisites: Minimum grades of C- in PSYC 212, PSYC 275, and one of either PSYC 267 or PSYC 258.

PSYC 385
Introduction to Applied Behaviour Analysis
3 Credits Weekly (3-0-0)
This course examines the ways in which principles of conditioning and learning have been applied to areas of human concern. The basic concepts, specific techniques, and ethical issues involved in the field of applied behaviour analysis are surveyed. Note: Students can only receive credit for one of PSYC 385 and PABA 385.
Prerequisites: Minimum grade of C- in PSYC 281.

PSYC 391
Psychology of Consciousness
3 Credits Weekly (3-0-0)
The course focuses on the relations between the subjective experience of consciousness and the theoretical concepts from a variety of psychological perspectives, including cognitive science, phenomenology, neuropsychology, developmental processes, evolutionary psychology, cross cultural psychology and transpersonal perspectives. Additionally, various experiences of consciousness are considered including sleep, dreams, drug effects, meditation, hypnosis, daydreaming, paranormal experiences, trance states, and near death experiences.
Prerequisites: Minimum grade of C- in PSYC 233 and at least one additional 200-level PSYC *(*p. 825*) course.*

PSYC 398
Independent Study
3 Credits Total (0-0-45)
This course permits a student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student builds academic skills under the direction of a faculty supervisor, to complete a research project or to learn a specialized technique. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 400
Psychology Senior Seminar
3 Credits Weekly (0-0-3)
The Psychology Senior Seminar allows students to integrate and apply the skills and knowledge acquired throughout their earlier training. Students focus on contemporary topics and controversies, including issues relevant to both academic and professional psychologists. Note: This course is required for students completing the Honours program in Psychology. Other Psychology majors who have completed PSYC 312 may request permission to enroll if space is available.
Prerequisites: A minimum grade of C- in PSYC 312 and consent of the department.

PSYC 405
Special Topics in Psychology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a psychology specialization or of a current issue in psychology. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair. In general, these topics are suitable for students in the 3rd or 4th year of their studies.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 408
Psychology of Well-being
3 Credits Weekly (0-0-3)
The scientific study of well-being focuses on the nature, development, and impact of thoughts, emotions, behaviours, strengths of character, environments, institutions, and societies that foster well-being and a meaningful life. This course examines historical and theoretical perspectives on the study of well-being and contemporary research on such topics as positive affect, resilience, self-regulation, mindfulness, and positive organizations. It also examines applications of well-being research to clinical psychology, physical health, and other domains.
Prerequisites: A minimum grade of C- in PSYC 212 and at least two 300- or 400-level courses in PSYC *(*p. 825*) .*

PSYC 423
Topics in Development
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a topic in developmental psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include the role of parents in development, prenatal development, infancy, adolescence, cognitive development, social development, physical development or ecological theories of development.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 223.

PSYC 431
Psychometrics
3 Credits Weekly (3-0-0)
This course provides an overview of theories, principles, and applications of psychological testing and assessment. The focus is on standardized psychological tests in the areas of intelligence, aptitude, personality, interests, and attitudes and values.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 435
Introduction to Clinical Psychology
3 Credits Weekly (0-0-3)
This course examines the profession of clinical psychology, including topics such as clinical assessment and diagnosis, clinical judgment and decision making, psycho-therapeutic and community interventions, and professional ethics.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 437
Topics in Forensic Psychology
3 Credits Weekly (0-0-3)
In this course, students critically discuss contemporary issues in forensic psychology in a seminar-based format. Material is drawn from both historical and current primary resources, with emphasis on research literature that explores theoretical and empirical approaches to the topic area. Evaluation is largely based on class presentations, participation, and written assignments. Topics vary from year to year, and may include (but are not limited to) psychopathy, deception, eyewitness memory, risk assessment, sexual and violent offenders, mental illness and crime, malingering, and ethical and legal issues in forensic psychology.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 337.

PSYC 438
Psychological Interviewing
3 Credits Weekly (3-0-0)
This course concerns the study and development of professional helping skills. Topics include the helping relationship, interviewing skills, listening skills, confrontation skills, ethical and legal decision-making, and prevention of professional burnout. Please note that a large portion of the course involves role-playing exercises and participation in these exercises counts for a significant portion of one's grade. Note: With consent of the department, PSYC 435 may be permitted as a co-requisite.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 435, and two of PSYC 326, PSYC 377, PSYC 385, PSYC 431, or PSYC 456.

PSYC 439
Psychology Field Placement
3 Credits Weekly (0-0-9)
In this course, students are assigned to a psychologist in a public, private, or non-profit program where they apply their knowledge of abnormal psychology in a supervised field placement. Each student is involved in a project that significantly contributes to the organization's clinical practice (e.g., program manual, guidelines for practice) or to the organization's research endeavours (e.g., evaluation of a service within the program). Notes: This course does not fulfill the 400-level credit requirement of the Psychology Major and Minor. The number of placements may be limited in any given term, and therefore course enrollment will be contingent on the student's grades in the prerequisite courses and on the student's interests and skills. Certain placements may require other course prerequisites or co-requisites, depending on the nature of the placement.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339, and consent of the department.

PSYC 440
Practice of Teaching in Psychology
3 Credits Total (0-0-45)
Students learn the skills and expectations associated with teaching psychology at the university level. They function as a teaching assistant and are mentored by various faculty members in the Department of Psychology. Throughout this course, they attend workshops and lectures on teaching methods, evaluation methods, detecting and deterring academic dishonesty, and ethics associated with the practice of teaching. Students are also expected to lead scheduled tutorial sessions and collaborate with a supervising instructor as well as with a TA coordinator.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 449
Topics in Social Psychology
3 Credits Weekly (0-0-3)
This course offers an in-depth study of a specific topic in social psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include eyewitness testimony, prejudice and discrimination, media influences on aggression, and interpersonal attraction.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 241.

PSYC 456
Cognitive Assessment
3 Credits Weekly (3-1-0)
This course covers the fundamentals of cognitive assessment, including test administration, scoring, interpretation, and report writing. The techniques and tools for evaluating several areas of cognitive functioning including intelligence, attention, memory, language, perception, learning, and complex cognitive processes such as critical thinking, problem solving, and creativity are surveyed. The Wechsler tests (e.g., WAIS-IV, WISC-IV, WPPSI-IV, WASI) and academic achievement measures are highlighted in this course.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 467
Special Topics in Perception
3 Credits Weekly (0-0-3)
In this course, students critically discuss contemporary issues in sensation and perception in a seminar-based format. Material is largely drawn from both historical and current primary resources, with an emphasis on research literature that explores links between neural mechanisms and perceptual performance. Evaluation is largely based on class participation and written assignments.
Prerequisites: Minimum grade of C- in PSYC 212 and in PSYC 267 or PSYC 275.

PSYC 473
Advanced Evolutionary Psychology
3 Credits Weekly (2-1-0)
Students examine theory and evidence related to evolutionary psychology as applied to humans and other animals. In addition to analysis of journal articles and other primary sources, students replicate several studies in the laboratory in order to see first-hand some typical research methods associated with the field.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 373.

PSYC 475
Comparative Neuroanatomy
3 Credits Weekly (2-1-0)
This is an advanced course in neuroanatomical organization, examining CNS (central nervous system) functions at molecular, cellular, and systems levels. The anatomy and functions of various tract systems and nuclei are compared across species and across levels of the nervous system. Fundamental concepts of nervous system organization, such as principles of neural coding and efficiency in wiring, and columnar organization of the cortex are discussed. The course features a combination of lectures and seminars based on readings of primary empirical literature. This course includes lab work in the gross CNS anatomy of a variety of species.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 275 and in two of PSYC 358, PSYC 367, PSYC 375, or PSYC 377; or consent of the department.

PSYC 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is open only to students in the Psychology honours program. Students complete both PSYC 499A and 499B in consecutive terms to attain credit in this course.
Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

PSYC 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is open only to students in the Psychology honours program. Students must complete both PSYC 499A and 499B in consecutive terms to attain credit in this course.
Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

Psychology: Applied Behavioural Analysis

PABA 281
Principles of Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the application of those findings to important aspects of human behaviour. Note: Students can only receive credit for one of PSYC 281 or PABA 281.
Prerequisites: Minimum grade of C- in PSYC 104.

PABA 385
Introduction to Applied Behaviour Analysis
3 Credits Weekly (3-0-0)
This course examines the ways in which principles of conditioning and learning have been applied to areas of human concern. The basic concepts, specific techniques, and ethical issues involved in the field of applied behaviour analysis are surveyed. Note: Students can only receive credit for one of PSYC 385 and PABA 385.
Prerequisites: Minimum grade of C- in PSYC 281.

PABA 485
Single-Case Research Designs
3 Credits Weekly (3-0-0)
This course is an introduction to single-case research designs. It examines the use of single-case designs to assess various dimensions of behaviour and evaluate the effects of behavioural interventions. The challenges and limitations of single-case research are discussed, as well as the manner in which single-case data can be used to establish the validity of evidence-based interventions. The course encompasses a broad range of research within both the behaviour analytic literature and other disciplines including school psychology, medicine, and business.
Prerequisites: A minimum grade of C- in PSYC 385.

PABA 486
Behavioural Interventions in Developmental Disabilities
3 Credits Weekly (3-0-0)
This course examines the application of behaviour analysis in practice with developmental disabilities, specifically in autism. The course examines the research and the clinical recommendations for behavioural interventions in practice. The course also discusses the practice guidelines by the BACB and the National Standards Project in Autism.
Prerequisites: A minimum grade of C- in PSYC 385.

PABA 487
Clinical Behaviour Analysis and Professional Ethics
3 Credits Weekly (3-0-0)
Psychotherapies rooted in behaviour analysis include functional analytic psychotherapy, behaviour activation therapies, dialectical behaviour theory, and acceptance and commitment therapy. This course will focus on interventions with verbally competent clients (including self-management) by examining language development from a behaviouristic perspective, and by analyzing advanced language and cognition from a post-Skinnerian viewpoint (i.e., relational frame theory, derived relations, rule-governed behaviour, etc.). This course will also focus on the ethical standards for behaviour analysis in professional practice. NOTE: Students cannot receive credit for both PABA 386 and PABA 487.
Prerequisites: A minimum grade of C- in PSYC 281 and PSYC 385.

Recording and Production Major - Bachelor of Music

Overview

The Recording and Production major is unique in Canada because of its focus on jazz and contemporary popular music and its commitment to the tonmeister approach that holds musicianship and musical art central to the development of high-level music recording engineers and producers. Students in the Recording major take courses in recording studio and production techniques, acoustics and psychoacoustics, technical ear training, live sound reinforcement, digital/analog signal flow, applications in music technology, and mastering, and acquire professional-level skills in AVID Pro Tools and other essential industry-standard software. The Program of Study also includes core Bachelor of Music courses in performance, theory, aural skills, cultural studies of music, and the business of music.

The Recording and Production major follows a prescribed Program of Study in addition to the common core courses students take in their first year. Students will choose music options and non-music electives to complete their degree.

Bachelor of Music

Faculty of Fine Arts and Communications
MacEwan.ca/MusicDegree (http://MacEwan.ca/MusicDegree/)

The Bachelor of Music focuses on the study of jazz and contemporary popular music, responds to the current demands of the industry and combines a high degree of professionalism along with the academic rigour required for further education at the graduate level. The opportunity to study with internationally renowned professionals while following a challenging academic curriculum will give you the skills, insights, competency and credentials to pursue a career as a performer, creator and leader in the evolving music industry.

Year 1

All Bachelor of Music students share a common curriculum in the first year that focuses on individual study (voice, piano, guitar, bass, drums, winds, brass or violin), performance ensemble, theory (jazz and traditional), aural skills, and musicology).

years 2-4

After successful completion of the first year, students pursue a major route (specialized Program of Study).

Major routes include: Composition, General, Performance, and Recording and Production. Students following the four-year General route also have the opportunity to pursue one of four unique minors: Music Career Management, Music Education, Music Technology and Production, or Songwriting.

Students can obtain a diploma credential after completing their second year.

Career Potential

The Department of Music has been training some of Canada's most talented musicians for over 50 years. The Bachelor of Music prepares students for the music profession and for further studies at the graduate level. Graduates have gone on to successful careers as performers, songwriters, arrangers, composers, electronica creators, sound designers, recording engineers and producers, record distributors, music managers, agents, marketers and promoters, music directors, accompanists, sound technicians, technologists, consultants, educators, researchers and academics. The Department of Music has a world-class faculty that includes highly skilled performers, creators, educators and academics, many of whom hold doctorates and master's degrees in music as well as a variety of regional, national and international awards.

Contact Information

musicdegree@macewan.ca

Degree Requirements

Program Element	Description	Credits
Core Year Requirements	Students complete 30 credits of Music courses and 6 credits of university English (ENGL) courses.	36
Major Requirements	Students complete 38 to 74 credits of required Music courses in their chosen major. The number of required courses varies by major.	38-74
Minor Requirements	Students in the General Major complete 15 to 18 credits in one of the four minors: Music Career Management, Music Education, Music Technology and Production, or Songwriting. Students in the General Major also have the option of having no minor.	15-18
Program Options	Students complete 6 to 36 credits of program options, depending on their chosen major. The number of program options students complete varies by major.	6-36
Electives	Students complete 12 to 18 credits of electives. The number of electives students complete varies by major.	12-18
Total		**128**

Core Year Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose an ENGL course from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
MUSC 103	Theory I: Introduction to Music Theory	3
MUSC 104	Theory II: Harmony, Voice Leading, and Function	3
MUSC 111	Ear Training I	3
MUSC 112	Ear Training II	3
MUSC 123	Musicology I: Historical Musicology	3
MUSC 124	Musicology II: Popular Music Studies	3
MUSC 131	Principal Instrument I	3
MUSC 132	Principal Instrument II	3
MUSC 141	Master Class I	3
MUSC 142	Master Class II	3
MUSC 188	Performance Ensemble [1]	0
MUSC 189	Performance Ensemble [1]	0
Total Credits		**36**

1

The minimum passing grade for this course is CR.

Major Requirements

Code	Title	Credits
MUSC 201	Theory III: Jazz Harmony and Analysis	3
MUSC 202	Theory IV: Chromatic Harmony, Form and Analysis	3

MUSC 213	Ear Training III	3
MUSC 215	Functional Keyboard I	1.5
or MUSC 217	Accompanying I	
MUSC 216	Functional Keyboard II	1.5
or MUSC 218	Accompanying II	
MUSC 219	Technical Ear Training	3
MUSC 221	Applied Instrument I	1.5
MUSC 222	Applied Instrument II	1.5
MUSC 253	Live Sound Reinforcement I	3
MUSC 254	Live Sound Reinforcement II	3
MUSC 263	Introduction to Music Technology and Production	3
MUSC 294	Performance Ensemble [1]	0
MUSC 295	Performance Ensemble [1]	0
MUSC 313	Arranging I: Introduction to Arranging	3
MUSC 361	Introduction to Music Career Management	3
MUSC 364	Applications in Music Technology I	3
MUSC 366	Introduction to the Recording Studio	3
MUSC 367	Analog and Digital Signal Processing	3
MUSC 368	Psychoacoustics	3
MUSC 396	Performance Ensemble	1
MUSC 397	Performance Ensemble	1
MUSC 424	Ethnomusicology	3
MUSC 426	History of Electro-Acoustic Music	3
MUSC 427	Cultural Studies of Music	3
MUSC 465	Applications in Music Technology II	3
MUSC 467	Recording Studio Production	3
MUSC 468	Acoustics	3
MUSC 469	Mastering	3
MUSC 483	Seminar in Recording and Production I	3
MUSC 484	Seminar in Recording and Production II	3
Program Options		
Choose 6 credits of options, with at least 3 credits from Music Career Management options.		6
Electives		
Choose 12 credits of electives, with at least 9 credits at the senior level. INTA courses may be used as electives, except INTA 360, which is a program option.		12
Total Credits		**92**

1

The minimum passing grade for this course is CR.

2

Students must take two semesters of MUSC 482 MU02 (Seminar in Recording I in Fall; Seminar in Recording II in Winter).

Program Options

Students choose 3 credits from Music Career Management options and 3 credits from any of the categories below. Please note that not all options are offered every year and are subject to space availability.

Music Career Management Options

Code	Title	Credits
AGAD 209	Publicity and Media Relations in the Arts	3
AGAD 225	Performing Arts Management	3
AGAD 226	Museum and Gallery Management	3
AGAD 227	Managing in the Music Industry	3
AGAD 300	Internal Practicum in Arts Management	3
AGAD 301	Cultural Policy and Advocacy	3
MUSC 362	The Business of Music	3
MUSC 476	Health Issues and the Professional Musician	3

Music Education Options

Code	Title	Credits
MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3

Other Music Options

Code	Title	Credits
INTA 360	The Arts and Pedagogy	3
MUSC 207	Songwriting I	3
MUSC 208	Songwriting II	3
MUSC 211	Composition I	3
MUSC 220	Jazz History in Cultural Context	3
MUSC 301	Special Project I	1
MUSC 302	Special Project II	2
MUSC 303	Special Project III	3
MUSC 380	Directed Project	3
MUSC 415	Orchestration	3
MUSC 416	Scoring for Film and Other Visual Media	3
MUSC 482	Independent Study	3
MUSC 498 & MUSC 499	Performance Ensemble and Performance Ensemble	3

Diploma Exit

Students are eligible for a diploma in Recording after the completion of Year 2 of the Bachelor of Music - Recording and Production major Program of Study. For more information about the diploma, please see Degree Regulations.

Year 1 Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
MUSC 103	Theory I: Introduction to Music Theory	3
MUSC 104	Theory II: Harmony, Voice Leading, and Function	3
MUSC 111	Ear Training I	3
MUSC 112	Ear Training II	3
MUSC 123	Musicology I: Historical Musicology	3
MUSC 124	Musicology II: Popular Music Studies	3
MUSC 131	Principal Instrument I	3
MUSC 132	Principal Instrument II	3
MUSC 141	Master Class I	3
MUSC 142	Master Class II	3

MUSC 188	Performance Ensemble [1]	0
MUSC 189	Performance Ensemble [1]	0
Total Credits		**36**

1

The minimum passing grade for this course is CR.

Year 2 Requirements

Code	Title	Credits
MUSC 201	Theory III: Jazz Harmony and Analysis	3
MUSC 213	Ear Training III	3
MUSC 215	Functional Keyboard I	1.5
or MUSC 217	Accompanying I	
MUSC 216	Functional Keyboard II	1.5
or MUSC 218	Accompanying II	
MUSC 219	Technical Ear Training	3
MUSC 263	Introduction to Music Technology and Production	3
MUSC 294	Performance Ensemble [1]	0
MUSC 295	Performance Ensemble [1]	0
MUSC 361	Introduction to Music Career Management	3
MUSC 366	Introduction to the Recording Studio	3
MUSC 467	Recording Studio Production	3
Program Options		
Choose 3 credits of program options from the list of available options under Major Requirements		3
Electives		
Choose 3 credits from junior- or senior-level electives		3
Total Credits		**30**

Degree Regulations

Declaration of a Major and Minor (Concentration)

Students are required to declare a major and minor concentration, where applicable, within their first year. Major and Minor declarations may be submitted starting September 1. Competitive declarations close on January 15 and non-competitive declarations on February 15. Students are required to consult with the appropriate section head and the department's university advisor in determining their major or minor choice.

Students who declare a major in Composition, Performance, or Recording and Production, should note that these majors are competitive.

Students who declare the General major may choose to declare a minor in Music Career Management, Music Education, Music Technology and Production, or Songwriting. Students should note that the minor in Music Technology and Production is competitive.

Please note, when you declare your major, you must also select the same instrument that you were admitted with.

Graduation Recitals – Performance and Composition Majors

Students in the Performance and Composition majors must undertake juried public graduation recitals in the fourth year of their program.

- The Performance major recital involves a program of works performed on the major (principal) instrument in ensemble and solo settings that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.
  - Students in the Performance major must also successfully complete an area examination in preparation for their graduation recital.
- The Composition major recital involves a program of original works and arrangements for a variety of instruments (ensemble and solo, instrumental and vocal) that demonstrates the student's technical ability, musicality, creativity, professionalism, comprehension of jazz and contemporary popular genres and styles, and comprehension of other contemporary and near-contemporary genres and styles.

The proposed program of works intended to fulfill the Composition and Performance graduation recital requirements must receive prior approval from the appropriate section head.

Graduation recitals for the Performance and Composition majors are graded as credit/non-credit. For Performance majors, failure to complete this requirement also constitutes a failure in Principal Instrument VIII. For Composition majors, failure to complete this requirement also constitutes a failure in Composition VI.

Performance Ensembles

All students must participate in required Performance Ensembles as noted in the programs of study. The Performance Ensemble requirement for Year 1 core and Year 2 all majors (Fall & Winter terms) are 0 (zero) credit. The Performance Ensemble requirements for Year 3 all majors (Fall & Winter terms) are 1 credit per term, and Year 4 (Performance major or as music option, Fall & Winter terms) are 1.5 credits per term.

For all majors, students may choose to participate in a maximum of two performance ensembles per term but will only be enrolled in and earn credit for one ensemble per term. The second Performance Ensemble will be 0 (zero) credit in any term. To avoid jeopardy, students may be advised to withdraw from a second Performance Ensemble if the directors detect that the students are overburdened and cannot cope with the additional responsibility.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level and courses numbered from 200 to 499 are considered senior level.

Elective Requirements

Elective requirements in each of Years 2, 3, and 4 of the program must be non-Music, baccalaureate level coursework, with a minimum of 9 credits earned at the senior level for all majors (Composition, General, Performance, and Recording and Production). Students may consult with the department's academic advisor for guidance. Program courses cannot be used to fulfill elective requirements.

Program Option Requirements

All Bachelor of Music students must successfully complete one additional Music Technology and Production course beyond the introductory course *and* one additional Music Career Management course beyond the introductory course as part of their core requirements.

Students must select from a list of program options to fulfill the requirements in their declared major or minor. Specified program option courses may also be required courses in one or more of the program's majors or minors, therefore, registration priority will be given to students who must take these courses as part of their specific Program of Study.

Students may consult with the department's academic advisor for guidance and availability of program option courses prior to registration.

Arts and Cultural Management (AGAD) Courses

Students following the General route with a minor in Music Career Management, as well as students seeking to use approved Arts and Cultural Management courses as Music options must take MUSC 361 before entering Arts and Cultural Management (AGAD) courses.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Music program requirements. Any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Diploma Requirements

Students are eligible for a diploma after the completion of Year 2 of the Bachelor of Music degree Program of Study, any route. Students who have obtained the diploma, or are otherwise eligible to do so, may continue with the degree. Obtaining the diploma does not require a student to exit the degree program; however, any student who discontinues registration in degree courses for twelve months will be required to re-apply for admission.

Expected Course Offerings

The following courses are only offered every second year:

MUSC 341	Woodwind Techniques	3
MUSC 344	Brass Techniques	3
MUSC 345	Percussion and Rhythm Instruments	3
MUSC 431	Conducting Techniques	3
MUSC 476	Health Issues and the Professional Musician	3

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75 % in ELA 30-2
2. Four subjects from Group A, B, C, or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicant must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

  OR
- Six credits of university-level English with a minimum grade of C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular Admission category.

  OR
- A University Music Diploma Program or equivalent

Probationary Admission

To be evaluated through the Program

This admission category will only be used if the program is not filled by Regular, Mature or Previous Post-Secondary applicants.

A limited number of probationary admissions may be granted to applicants with an Admission Grade Point Average (AGPA) less than 2.0 on a 4.0 scale. These applicants will be placed on probation.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://www.macewan.ca/academics/programs/english-as-an-additional-language/).

2. Other Admission Criteria

To be evaluated through the Program Office

Applicable to All Admission Categories

All applicants must audition.

Limited space is available, and not all applicants who are eligible may be admitted. When admission becomes competitive, performance in the audition is the primary criterion for admission. Applicants must also be aware that admission for any category is limited based on the availability of spaces for the principal instrument.

Social Work - Bachelor of Social Work

Overview

Faculty of Health and Community Studies
School of Social Work
MacEwan.ca/BSW (http://%E2%80%8BMacEwan.ca/BSW/)

The Bachelor of Social Work program provides 3rd and 4th year undergraduate degree studies and will be of interest to Alberta Social Work diploma graduates and other students who have completed 60 university-level Arts and Science credits. The School of Social Work offers transformative, collaborative, and supportive education to prepare students for leadership roles in meeting the social justice mandate of the profession of social work. As professionals in a country that upholds respect for diversity, and in keeping with democratic rights and freedoms, social workers respect the distinct systems of beliefs and lifestyles of individuals, families, groups, communities, and nations without prejudice (United Nations Centre for Human Rights, 1992). Specifically, social workers do not tolerate discrimination based on age, abilities, ethnic background, gender, language, marital status, national ancestry, political

affiliation, race, religion, sexual orientation, or socio-economic status (CASW *Code of Ethics*, 2005).

Unique to this degree is the focus on sustainability — how social, environmental, and economic issues interrelate, and how we fit into the larger community. Students have the opportunity to focus their studies around a number of themes, including working with children and families, working with Indigenous people, health and mental health, and community social work practice. Students learn from faculty who are engaged in research, blended learning, and all areas of social work practice.

Career Potential

Graduates of the program are eligible to apply to the Alberta College of Social Workers to become registered social workers (RSW). Graduates will have strong critical thinking skills and be prepared to work in a wide and diverse range of settings, making valuable contributions to the health and safety of children and families, supporting the development of a vibrant and healthy workforce, and providing leadership in the area of social and environmental sustainability. Graduates may choose to work in a broad range of social work related areas, including:

- services to families, children, and youth
- addiction and mental health
- community health and social service agencies
- correctional services agencies
- employment assistance programs
- family counselling agencies
- health and long-term care organizations
- immigration and settlement services
- preventive social services
- non-profit community agencies
- school boards
- services to seniors

Contact Information

T: 780-497-5229
E: bsw@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 9-505, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-5154

Program Requirements

Majors in this program have distinct programs of study.

Social Work Post-Diploma Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 3		
SOWK 302	Indigenous Knowledge: Contributions to Sustainable Social Work Practice	3
SOWK 303	Social Work and Sustainability	3
SOWK 310	Social Work and Intercultural Practice	3
SOWK 311	Critical Thinking and Social Work Research Methods	3
300-level SOWK option		3
Arts and Science electives		15
Year 4		
SOWK 403	Leadership in Human Service Organizations	3
SOWK 450	Field Practicum [1]	8
SOWK 451	Field Practicum Seminar	1
400-level SOWK options		9
Arts and Science electives		6
One of the following:		3
SOWK 410	Advanced Social Work Practice with Children and Families	
SOWK 411	Advanced Social Work Practice with Indigenous Peoples	
SOWK 412	Advanced Social Work Practice with Communities	
SOWK 413	Advanced Practice in Health and Mental Health Settings	
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

1

The minimum grade required for this course is a CR.

University Credit Transfer Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 3		
SOWK 301	Introduction to Social Work Ideology and Ethics	3
SOWK 302	Indigenous Knowledge: Contributions to Sustainable Social Work Practice	3
SOWK 303	Social Work and Sustainability	3
SOWK 304	Human Development and the Environment	3
SOWK 305	Social Work Practice with Individuals and Families	3
SOWK 310	Social Work and Intercultural Practice	3

SOWK 311	Critical Thinking and Social Work Research Methods	3
SOWK 312	Social Policy	3
SOWK 350	Field Practicum [1]	5
SOWK 351	Field Practicum Seminar	1
Year 4		
SOWK 401	Introduction to Social Work with Communities	3
SOWK 402	Social Work with Groups	3
SOWK 403	Leadership in Human Service Organizations	3
SOWK 450	Field Practicum [1]	8
SOWK 451	Field Practicum Seminar	1
400-level SOWK options		9
One of the following:		3
SOWK 410	Advanced Social Work Practice with Children and Families	
SOWK 411	Advanced Social Work Practice with Indigenous Peoples	
SOWK 412	Advanced Social Work Practice with Communities	
SOWK 413	Advanced Practice in Health and Mental Health Settings	
Total Credits		**60**

The minimum passing grade for a course at MacEwan is a D unless otherwise noted next to the appropriate course in the program of study.

1

The grade required for this course is a CR.

Bachelor of Social Work - Social Work Options

Social Work options allow you to explore topics that reflect your interests or field of practice.

Post Diploma Route: Requires *one* 300 level social work option AND *three* 400 level social work options.

University Transfer Route: Requires *three* 400 level social work options.

A limited number of social work options are offered each year from the following list:

Social Work Course Options:

SOWK 330	Trauma Informed Practice	3
SOWK 430	Gerontology - Social Work with Elderly	3
SOWK 431	Addictions	3
SOWK 432	Social Work Practice in Health and Mental Health Settings	3
SOWK 433	Social Work Practice with Gender and Sexual Diversity	3
SOWK 434	International Social Work	3
SOWK 435	Social Work Practice with Military, Veteran, First-Responders and their Families	3
SOWK 438	Child Welfare	3
SOWK 440	Grief and Loss in Social Work Practice	3
SOWK 441	Social Work and Disability - current issues, trends and practice	3
SOWK 442	Social Work Practice with High Risk Youth	3
SOWK 444	Social Work and Social Justice	3
SOWK 445	Practice Realities: Building Knowledge, Skills & Professional Resilience	3

Program Regulations

Program Time Limit - Exemption

A student in the Bachelor of Social Work (BSW) has six years from the first day of term of acceptance to complete all requirements to be eligible for a credential (Program Time Limits Policy).

Students are strongly encouraged to seek advice from a faculty advisor about program planning for completing degree requirements at MacEwan University.

Progression of Studies

Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency.

Agency-Specific Requirements

Students must be able to meet requirements for immunizations prior to the start of all field practicum courses if required by their field placement agency. Students may be required to complete additional agency-specific certifications as a prerequisite for practicum experiences. Failure to meet specified immunization requirements and/or other agency-specific requirements may result in a student being denied a field practicum and, therefore, be unable to meet graduation requirements.

Regulations Governing Field Practicum (Work Integrated Learning)

Students must achieve satisfactory performance in all field placement courses in accordance with the course learning outcomes and grading criteria. Field placement hours may include days, evenings and weekends. Students are required to arrange their own transportation for required field placement activities and any costs incurred for meals, travel, parking and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required field placements will generally be within a 150 km radius of the MacEwan University site. Students cannot be in attendance at field placement agencies as a MacEwan University student except at times and locations authorized by the field placement course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding field placements. Students must have completed all prerequisite courses as well as all program and agency specific requirements (i.e. which could include vaccinations and supporting documents) prior to the start of any field placement course. In accordance with the Work Integrated Learning Policy, the University reserves the right, at any point during a field placement, to remove a student from the placement for serious performance issues (i.e. engaging in behaviours that place a client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases and with the concurrence of the Dean, the student will be assigned a grade of NCR (or F) in the course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required

to withdraw from the program. For further information, refer to the Academic Standing policy.

Police Information Check

A student must meet the specific Police Information Check requirements (PIC) including a Vulnerable Sector, and an Intervention Record Check, as set out in the admission criteria for the duration of the program, or they may be required to withdraw from the program. Students must be able to satisfy agency requirements prior to the start of each field placement.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program requirements as they may be denied required field practicums and, therefore, be unable to meet graduation requirements.

Student Plans

Students must follow the Student Plans (listed below) to complete this credential in the year(s) indicated by the plans. Students must consult with a program Academic Advisor regarding any deviation from the Student Plans, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Post-Diploma

Year 3

Term 1	Credits	Term 2	Credits
SOWK 302	3	SOWK 310	3
SOWK 303	3	SOWK 311	3
Arts and Science electives	9	300-level SOWK option	3
		Arts and Science electives	6
	15		**15**

Total Credits 30

Year 4

Term 1	Credits	Term 2	Credits
SOWK 403	3	SOWK 450[1]	8
400-level SOWK options	6	SOWK 451	1
Arts and Science electives	6	400-level SOWK option	3
		One of the following:	3
		SOWK 410	
		SOWK 411	
		SOWK 412	
		SOWK 413	
	15		**15**

Total Credits 30

University Credit Transfer

Year 3

Term 1	Credits	Term 2	Credits
SOWK 301	3	SOWK 310	3
SOWK 302	3	SOWK 311	3
SOWK 303	3	SOWK 312	3
SOWK 304	3	SOWK 350[1]	5
SOWK 305	3	SOWK 351	1
	15		**15**

Year 4

Term 1	Credits	Term 2	Credits
SOWK 401	3	SOWK 450[1]	8
SOWK 402	3	SOWK 451	1
SOWK 403	3	400-level SOWK option	3
400-level SOWK options	6	One of the following:	3
		SOWK 410	
		SOWK 411	
		SOWK 412	
		SOWK 413	
	15		**15**

Total Credits 60

1

The minimum grade required for this course is a CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Social Work Post-Diploma

1. Applicants must have completed an Alberta accredited Social Work Diploma with a minimum Admission Grade Point Average (AGPA) of 2.5 on a 4.0 scale.

University Credit Transfer

2. Applicants must have completed the following from a recognized institution:

a) 57 non-social work university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.5 on a 4.0 scale, and must include the following courses:

· Three credits of English

· Six credits of anthropology, political science, psychology or sociology

b) SOWK 240: Introduction to Social Work and Social Welfare (or equivalent) with a minimum grade of C-

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at www.macewan.ca/elp (https://www.macewan.ca/elp/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants are required to submit the following to be assessed by faculty from the School of Social Work:

1. Essay and Resume
2. Evidence of a minimum 70 hours of human or social service volunteer/work experience within the last two years
3. Professional Volunteer/Work Reference

Applicants offered admission are required to submit the following:

- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police

Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
- An Alberta Intervention Record Check (or equivalent from another province/territory). The Intervention Record Check must be submitted by the published document deadline.

Equity Admission

The School of Social Work at MacEwan University is committed to principles of equity and diversity. The School supports equitable representation of groups underrepresented in the social work profession and has reserved up to 15% of admission spaces as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Métis and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Sociology - Bachelor of Arts

Overview

By investigating social inequality, patterns of behaviour, forces for social change and resistance, and how social systems work, sociologists shed light on a broad scope of social phenomena – family life, street and corporate crime, media influence, employment and unemployment, youth subcultures, peace and war, criminal justice system reforms, multiculturalism, and globalization, just to name a few.

As a liberal arts discipline, sociology provides students with a breadth of knowledge, abilities, and skills—a 'tool kit' that can be used in a considerable range of careers, as well as in other roles in life. Graduates develop an understanding of how people's experiences vary by race, class, gender, age, and other ascribed statuses; an understanding of the impact social institutions have on individuals; the ability to develop evidence-based arguments and write reports understandable to non-sociologists; the ability to use statistics software; and the ability to evaluate different research methods.

Students at MacEwan can graduate with a general Arts degree in Sociology or specialize in the Criminology Steam.

MacEwan also offers a competitive Honours degree, which allows students to develop and implement their own research project.

Contact Information

Department of Sociology
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Arts and Science Academic Advising
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The Bachelor of Arts

Faculty of Arts and Science

MacEwan.ca/BA (https://MacEwan.ca/BA/)

MacEwan University's Bachelor of Arts (BA) provides a liberal arts education that allows students to explore a variety of academic disciplines and acquire a broad knowledge base that will prepare them for employment or future post-secondary studies. The degree provides students with breadth, depth, and diversity in the humanities, sciences, social sciences, analytical studies, and fine arts, as well as courses focused on language and literature. BA students study subjects in major and/or minor disciplines and must be familiar with the academic and Faculty regulations and procedures published herein.

General Program Information

The BA program requires students to complete 120 credits of non-duplicative coursework. The degree emphasizes breadth and depth and has been designed for exceptional flexibility and customization. Students can complete a major and a minor, a double major, or a major and two minors. Students can choose a secondary major in an Arts or Science discipline, but the primary major must be in an Arts discipline.

All newly admitted students enter the BA program as "Undeclared." Undeclared means a student has not yet chosen their major(s) and minor(s). Students may declare at any time after being accepted to the BA, and typically, they declare after completing a minimum of 45 credits. The declaration period for noncompetitive majors and minors is between September 1 and February 15 and between September 1 and January 15 for competitive majors and minors. The Arts and Science Academic Advising Office will send information about majors and minors via email and newsletters; please contact the Advising Office if you require further assistance with this decision.

Arts Disciplines

Discipline	Major	Minor	Honours
Anthropology	◉	◉	◉
Classics	-	◉	-
Creative Writing	-	◉	-
Economics	◉	◉	◉
English	◉	◉	◉
Film Minor for Arts and Science		◉	
French	-	◉	-
Gender Studies	-	◉	-
History	◉	◉	-
Philosophy	◉	◉	-
Political Science	◉	◉	◉
Psychology	◉	◉	◉
Sociology	◉	◉	◉
Spanish	-	◉	-

Science Disciplines

Discipline	Major	Minor
Applied Statistics	◉	
Biological Sciences	◉	◉
Chemistry	◉	◉
Computer Science	◉	◉
Earth and Planetary Sciences		◉

Environmental Sciences		◉
Mathematics	◉	◉
Physics		◉
Planetary Physics		◉
Statistics		◉

Out of Faculty Minors

Discipline	Minor
Accounting Minor for Arts and Science	◉
Arts and Cultural Management	◉
Business Law	◉
Business Studies	◉
Digital Experience Design	◉
Finance Minor for Arts and Science	◉
Human Resources Minor for Arts and Science	◉
Marketing Minor for Arts and Science	◉

Laddering a Diploma into the Bachelor of Arts

Students with an accredited diploma can ladder into the Bachelor of Arts (BA) and use some of their diploma coursework towards their degree requirements. If you have questions about the diploma laddering, please visit www.macewan.ca/bastudent or contact artsandscience@macewan.ca.

Preparing for Professional Studies

Students intending to enter professional programs at other universities, such as law and education, can take their pre-professional studies in the Faculty of Arts and Science at MacEwan University. For example, a selection of courses facilitates the transition to an after-degree education program or, if the student prefers, transfer to a Bachelor of Education program after completing as many as 60 credits of coursework. Students are advised to consult the admissions requirements for the universities and programs of their choice and to select their MacEwan University courses accordingly. Completing pre-professional courses at MacEwan University does not guarantee admission to the subsequent professional program. Each professional program requires a separate application, and entry is competitive, not automatic.

Degree Requirements

Breadth Requirements

All Bachelor of Arts degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), Honours, or options.

Breadth Element	Description	Credits
Literacy	ENGL 102 and 3 credits in university English (not including ENGL 111, ENGL 108, or ENGL 211), and 6 credits in a single language other than English or 6 credits in world literature (COMP 102 and COMP 103)	12
Humanities	CLAS, HIST, HUMN, or PHIL	6
Sciences	ASTR, BICM, BIOL, BOTN, CHEM, CMPT, EASC, GENE, PHYS, PSYC, SCIE, or ZOOL	6
Social Sciences	ANTH, ECON, GEND, POLS, PSYC, or SOCI	6
Analytical Studies	LING 101, MATH, PHIL 125, or STAT	3
Fine Arts	AGAD, ARTE, CRWR, DESN, DRMA, MUSC, THAR, THPR, CLAS 252, CLAS 352, CLAS 353, or CLAS 356	3

Bachelor of Arts Degree

Program Element	Description	Credits
Primary Major	The Arts major will range from 42 to 60 credits with a minimum 36 credits taken at the senior-level.	42-60
Secondary Major or Minor(s)	Students have the option of completing a second major in an Arts or Science discipline, or one or two minors. Minor courses must be completed at the senior-level.	18-60

Options	Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.	Up to 60
	Total Degree Credits Including Breadth	120

Bachelor of Arts Honours

Program Element	Description	Credits
Minimum Honour Requirements	Honours requirements are determined by each discipline.	63
Option Courses, Non-Compulsory Honours Courses, and/or a Minor	Students have the option of completing a minor from outside of the Honours discipline. Some disciplines may require a minor.	57
	Total Degree Credits	120

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study. In the Faculty of Arts and Science, students typically require a minimum grade of C- to use a course as a prerequisite. Please check course descriptions for more information.

Cross-Faculty Course Recognitions

Cross-Faculty course recognition represents an agreement between programs within MacEwan University and consists of a number of approved courses that have the potential to be recognized within another degree. These courses are not considered transfers or equivalents as the original course will show within a student's transcript and their Academic Planning and Progress Report (APPR). How the courses listed below might be used within a student's degree are determined by the student's program of study. They are dependent on a number of factors including year of declaration, year of completion, and individual program requirements.

Out-of-Faculty Course	Course Recognition	Course Used For
ACUP 117	ARTOP 1XX	Options; fulfills Humanities Breadth
ACUP 209	SCIOP 2XX	Options; fulfills Science Breadth
ACUP 220, ACUP 303, and ACUP 304 (must complete all three)	COSL 200 (6 credits)	Options
ACUP 320	SCIOP 3XX	Options; fulfills Science Breadth
AGAD 300	COSL 300	Options
AGAD 435	WINL 300	Options
ARTE 104	ARTOP 1XX	Options
ARTE 214	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 224	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 234	ARTOP 2XX	Options; fulfills Humanities Breadth
ARTE 304	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 314	ARTOP 3XX	Options; fulfills Humanities Breadth
ARTE 324	ARTOP 3XX	Options; fulfills Humanities Breadth
CORR 102	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 104	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 110	SOCI 225	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 120	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 202	ARTOP 2XX	Options
CORR 208	ARTOP 2XX	Options
CORR 214	COSL 200	Options
CORR 218	SOCI 321	Options or Sociology program requirements; fulfills Social Science Breadth
CORR 224	COSL 200	Options
CYCW 100	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 108 and CYCW 112	SOCI 1XX	Options; fulfills Social Science Breadth
CYCW 114	ARTOP 1XX	Options
CYCW 115	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth

CYCW 201	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 204	COSL 200	Options
CYCW 205	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 206	ARTOP 2XX	Options
CYCW 208	COSL 200	Options
CYCW 211	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
CYCW 302	ARTOP 3XX	Options
CYCW 303	ARTOP 3XX	Options
CYCW 339	ARTOP 3XX	Options
CYCW 340	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 350	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 361	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
CYCW 466	ARTOP 4XX	Options
DESN 270	ARTOP 2XX	Options; fulfills Humanities Breadth
DESN 271	ARTOP2XX	Options; fulfills Humanities Breadth
ECCS 110	PSYC 1XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 115	ARTOP 1XX	Options
ECCS 160	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
ECCS 180	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 220	COSL 200	Options
ECCS 255	ARTOP 2XX	Options
ECCS 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 270	COSL 200	Options
ECCS 310	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 355	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 360	SOCI 3XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECCS 425	SOCI 4XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 160	ARTOP 1XX	Options
ECDV 220	COSL 200	Options
ECDV 255	ARTOP 2XX	Options
ECDV 260	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
ECDV 270	COSL 270	Options
ECDV 280	PSYC 2XX	Options or Psychology program requirements; fulfills Social Science or Science Breadth
FNCE 301	ECON 3XX	Options or Economics program requirements; fulfills Social Science Breath
HAPR 101	SCIOP 1XX	Options; fulfills Science Breadth
HAPR 104	ARTOP 1XX	Options
HAPR 114	WINL 200	Options
HAPR 201	ARTOP 2XX	Options
HAPR 212	WINL 200	Options
HEED 110	ARTOP 1XX	Options
HEED 120	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 104	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 105	SCIOP 1XX	Options; fulfills Science Breadth
HLSC 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 124	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth

HLSC 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLSC 128	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
HLST 150	SCIOP 1XX	Options; fulfills Science Breadth
HLST 210	ARTOP 2XX	Options
HLST 290	SCIOP 1XX	Options; fulfills Science Breadth
INFM 101	ARTOP 1XX	Options
INFM 202	ARTOP 2XX	Options
INFM 208	ARTOP 2XX	Options
INFM 209	ARTOP 2XX	Options
INFM 210	ARTOP 2XX	Options
INFM 260	COSL 200	Options
INTA 210	ARTOP 2XX	Options; fulfills Humanities Breadth
INTA 362	ARTOP 3XX	Options
MTST 120	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 122	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 125	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 126	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
MTST 151, MTST 162, MTST 260, MTST 261, and MTST 262	COSL 200	Options
MUSC 104	ARTOP 1XX	Options; fulfills Analytical Studies Breadth
MUSC 123	ARTOP 1XX	Options; fulfills Social Science Breadth
MUSC 124	ARTOP 1XX	Options; fulfills Social Science Breadth
PEDS 100	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 101	BIOL 1XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 103	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 109	SCIOP 1XX	Options; fulfills Science Breadth
PEDS 200	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 203	SCIOP 2XX	Options; fulfills Science Breadth
PEDS 206	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 207	BIOL 2XX	Options or Biological Sciences program requirements; fulfills Science Breadth
PEDS 209	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
PEDS 240	SCIOP 1XX	Options; fulfills Science Breadth
PERL 104	ARTOP 1XX	Options
PERL 204	ARTOP 2XX	Options
PERL 207	ARTOP 2XX	Options
PSSC 102	ARTOP 1XX	Options
PSSC 112	ARTOP 1XX	Options
PSSC 121	SOCI 1XX	Options or Sociology program requirements; fulfills Social Science Breadth
PSSC 203	ARTOP 2XX	Options
PSSC 204	ARTOP 2XX	Options
PSSC 212	ARTOP 2XX	Options
PSSC 252	ARTOP 2XX	Options
PSSC 253	ARTOP 2XX	Options
PSSC 272	COSL 200	Options
PSSC 273	COSL 200	Options
SOWK 101	ARTOP 1XX	Options, fulfills Humanities Breadth
SOWK 111	ARTOP 1XX	Options
SOWK 112	ARTOP 1XX	Options
SOWK 203	ARTOP 2XX	Options
SOWK 204	SOCI 2XX	Options or Sociology program requirements; fulfills Social Science Breadth
TAST 101	ARTOP 1XX	Options
TAST 129 and TAST 130	COSL 200	Options
THAR 240	ARTOP 2XX	Options; fulfills Analytical Studies Breadth

THAS 101	ARTOP 1XX	Options
THAS 102	SCIOP 1XX	Options; fulfills Science Breadth
THAS 115	ARTOP 1XX	Options
THAS 203	COSL 200	Options
THAS 210	COSL 200	Options
THAS 211	COSL 200	Options
THAS 215	COSL 200	Options
THAS 222	ARTOP 2XX	Options
THPR 205	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 206	ARTOP 2XX	Options; fulfills Humanities Breadth
THPR 214	ARTOP 2XX	Options; fulfills Analytical Studies Breadth
THPR 224	COSL 200	Options

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Sociology Major

The Bachelor of Arts (BA) in Sociology program requires students to complete 120 credits of non-duplicative coursework. In addition to the Sociology Major, students will complete one of the following:

- one minor,
- two minors, or
- a secondary Arts major

Students are required to complete option courses and the major(s) and minor(s). All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for the major(s), minor(s), or options.

The Sociology major is 42 to 60 credits with a minimum of 36 senior-level credits. Students must complete a minimum of six SOCI credits at the 400- level. Students can use a maximum of 3 credits from SOCI 496, SOCI 497, and SOCI 498 to fulfill the minimum 400-level requirement.

SOCI 496, SOCI 497, and SOCI 498 can be taken up to two times each, but cannot be used in combination more than four times to fulfill the minimum requirements of the Sociology major or the Criminology Stream.

Students majoring in sociology can complete the General Sociology Major or the Criminology Stream.

Bachelor of Arts - Sociology Major

Code	Title	Credits
Specific Major Requirements		
SOCI 100	Introductory Sociology	3
SOCI 215	Introduction to Social Research Methods	3
SOCI 232	Classical Sociological Theory	3
SOCI 310	Introduction to Social Statistics	3
or SOCI 318	Introduction to Qualitative Research Methods	
SOCI 333	Contemporary Sociological Theory	3
General Sociology Major Requirements		
Choose 27 to 45 from junior- or senior-level SOCI		27-45
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

Bachelor of Arts - Sociology Major, Criminology Stream

Code	Title	Credits
Specific Major Requirements		
SOCI 100	Introductory Sociology	3
SOCI 215	Introduction to Social Research Methods	3
SOCI 232	Classical Sociological Theory	3
SOCI 310	Introduction to Social Statistics	3
or SOCI 318	Introduction to Qualitative Research Methods	
SOCI 333	Contemporary Sociological Theory	3
Criminology Requirements		
SOCI 225	Criminology	3
SOCI 227	The Canadian Criminal Justice System	3
Choose 15 credits from Criminology and Deviance with a minimum of six credits at the 400-level:		15
SOCI 224	Deviance and Conformity	
SOCI 303	Contemporary Issues in Criminology	
SOCI 320	Crimes of Power	
SOCI 321	Youth, Crime and Society	
SOCI 323	Critical Criminology	
SOCI 325	Restorative Justice	
SOCI 326	The Charter of Rights and Freedoms	
SOCI 328	Victimology	
SOCI 329	Sociology of Law	
SOCI 403	Special Topics in Criminology and Criminal Justice	
SOCI 416	Quantitative Research Methods [1]	
SOCI 418	Qualitative Research Methods [1]	
SOCI 421	Sociology of Punishment	
SOCI 422	Indigenous Peoples and Justice	
SOCI 424	Advanced Topics in Deviance, Normality and Social Control	
SOCI 428	Police and the Community	
SOCI 429	Criminal Law and Sentencing	
SOCI 430	Gender, Crime, and Social Justice	
SOCI 496	Independent Research Proposal	
SOCI 497	Independent Research Project	
SOCI 498	Advanced Independent Study	
Choose 6 to 24 credits from junior-or senior-level SOCI		6-24
Secondary Major or Minor(s)		
Students have the option of completing a second Arts major, or one or two minors. Minor courses must be completed at the senior-level.		18-60
Options		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		0-60
Total Credits		**120**

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Only 3 credits from either SOCI 416 or SOCI 418 may be used to fulfill one of the Criminology and Deviance courses. The other 3 credits are used to fulfill the General Criminology Stream Requirements.

Sociology Honours

The Bachelor of Arts (BA) Sociology Honours degree program requires students to complete 120 credits of non-duplicative coursework. The Sociology Honours program is comprised of 63 to 84 credits. Students can choose from General Sociology Honours or the Criminology Honours Stream.

Students have the option of completing a minor within the requirements of the Sociology Honours program. Minors are comprised of 18 senior-level credits.

For consideration of admittance/acceptance into Sociology Honours, students must present the following:

1. Completion of a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher

2. 24 of the 45 credits must have been completed in the last 12 months
3. A minimum of six SOCI credits completed at the senior-level
4. A minimum GPA of 3.3 across all senior-level SOCI courses

Students accepted and enrolled in the SOCI Honours program must maintain a minimum overall GPA of 3.0. As well, students must maintain a minimum GPA of 3.3 across all junior- and senior-level SOCI courses for every 12 consecutive months following acceptance into the Honours program. Failure to maintain a 3.3 Honours GPA will result in the student's program status reverting to a BA Sociology Major.

All BA degrees require Breadth Requirements. Courses can satisfy both the breadth requirements and requirements for Honours, minor(s), or options.

Bachelor of Arts - Sociology Honours

Code	Title	Credits
Specific Honours Requirements		
SOCI 100	Introductory Sociology	3
SOCI 215	Introduction to Social Research Methods	3
SOCI 232	Classical Sociological Theory	3
SOCI 310	Introduction to Social Statistics	3
or SOCI 318	Introduction to Qualitative Research Methods	
SOCI 333	Contemporary Sociological Theory	3
SOCI 398	Independent Study	3
SOCI 416	Quantitative Research Methods	
or SOCI 418	Qualitative Research Methods	
SOCI 496	Independent Research Proposal	3
SOCI 499A	Honours Thesis I	3
SOCI 499B	Honours Thesis II	3
General Sociology Honours Requirements		
Choose 33 to 54 credits from junior- or senior-level SOCI		33-54
Option Courses and/or Minor		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		36-57
Total Credits		**120**

Bachelor of Arts - Sociology Honours, Criminology Stream

Code	Title	Credits
Specific Honours Requirements		
SOCI 100	Introductory Sociology	3
SOCI 215	Introduction to Social Research Methods	3
SOCI 232	Classical Sociological Theory	3
SOCI 310	Introduction to Social Statistics	3
or SOCI 318	Introduction to Qualitative Research Methods	
SOCI 333	Contemporary Sociological Theory	3
SOCI 398	Independent Study	3
SOCI 416	Quantitative Research Methods	3
or SOCI 418	Qualitative Research Methods	
SOCI 496	Independent Research Proposal	3
SOCI 499A	Honours Thesis I	3
SOCI 499B	Honours Thesis II	3
Criminology Honours Requirements		
SOCI 225	Criminology	3
SOCI 227	The Canadian Criminal Justice System	3
Choose 15 credits from Criminology and Deviance with a minimum of 6 credits at the 400-level:		15
SOCI 224	Deviance and Conformity	
SOCI 303	Contemporary Issues in Criminology	
SOCI 320	Crimes of Power	
SOCI 321	Youth, Crime and Society	
SOCI 323	Critical Criminology	
SOCI 325	Restorative Justice	
SOCI 326	The Charter of Rights and Freedoms	
SOCI 328	Victimology	
SOCI 329	Sociology of Law	
SOCI 403	Special Topics in Criminology and Criminal Justice	
SOCI 416	Quantitative Research Methods [1]	
SOCI 418	Qualitative Research Methods [1]	
SOCI 421	Sociology of Punishment	
SOCI 422	Indigenous Peoples and Justice	
SOCI 424	Advanced Topics in Deviance, Normality and Social Control	
SOCI 428	Police and the Community	
SOCI 429	Criminal Law and Sentencing	
SOCI 430	Gender, Crime, and Social Justice	
SOCI 497	Independent Research Project	
SOCI 498	Advanced Independent Study	
Choose 12 to 33 credits from junior- or senior-level SOCI		12-33
Option Courses and/or Minor		
Students can complete up to 18 credits in out-of-faculty options, with no more than 3 credits in physical activity (PACT) courses.		36-57
Total Credits		**120**

[1] Only 3 credits from either SOCI 416 or SOCI 418 may be used to fulfill one of the Criminology and Deviance courses. The other 3 credits are used to fulfill the Specific Honours Requirement.

Sociology Minor

The Sociology Minor requires 18 senior-level SOCI credits with a minimum of nine credits at the 300- or 400-level. SOCI 496, SOCI 497, and SOCI 498 can be taken up to two times each, but cannot be used in combination more than two times to fulfill the minimum requirements of the Sociology minor.

Code	Title	Credits
Minor Requirements		
Choose 18 credits from senior-level SOCI		18
Total Credits		**18**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about academic planning for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

In addition to the academic residency requirements of the University, upon admission to the Bachelor of Arts (BA), students also must complete at MacEwan University:

- A minimum of 24 credits at the senior-level in the major discipline, with 12 of those senior credits completed at the 300- or 400-level. All 400-level requirements are to be completed at MacEwan University.
- If applicable, a minimum of nine credits at the senior-level in a minor, with at least three of those credits at the 300- or 400- level.

Students with a previous MacEwan University credential are required to complete a minimum of 45 credits upon admission to the BA.

Students who hold a baccalaureate degree from another post-secondary institution must complete a minimum of 60 additional MacEwan University credits applicable to the BA. Forty-five of these credits must be completed while the students is enrolled in the BA. This credit requirement applies to students who began their studies at MacEwan University and completed a credential at another institution.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies.

Breadth Requirements

Courses taken to fulfil major, minor, or option requirements can also be used to satisfy breadth requirements.

Declaration of a Major and a Minor

Students are advised to declare a primary major and a minor, or a primary major and secondary major, or a primary major and two minors by the time they have completed 45 credits. Primary majors are selected from Arts disciplines and consist of 42 to 60 junior- and senior-level credits; secondary majors can be from an Arts or a Science discipline. Students cannot declare a multi-disciplinary science major (Mathematical or Physical Science majors). Except for those students in an Honours program, a maximum of 60 credits may be completed from any one discipline for credit towards the degree. A major and minor cannot be in the same discipline and students may not declare more than one out-of-faculty minor. Students can re-declare their major(s) and/or minor(s) if required.

For students completing multiple majors or minors, the Faculty cannot guarantee a schedule of classes that will permit the student to complete their degree in eight consecutive fall and winter semesters. Furthermore, depending on the configuration of the student's degree, meeting the requirements for the degree may require the completion of more than 120 credits for graduation. Students are strongly encouraged to consult with an academic advisor in the Faculty of Arts and Science Advising Office and a discipline advisor in their major and minor disciplines prior to declaration.

Restricted Enrolment Courses

The Faculty of Arts and Science strives to accommodate all students wishing to enrol in a given course when it is appropriate to their own program: however, classes in some courses must, for academic reasons, be restricted in size. If such a course is found to be oversubscribed, priority in registration will be given to those students whose programs may require it (e.g., majors, Honours, and/or minors) and then to other students as space permits.

Graduation Grade Point Average

As part of the Graduation Grade Point Average regulation above, Bachelor of Arts students must obtain an overall GGPA of 2.0 or higher, with a minimum GPA of 2.0 on all courses credited toward the major(s) and a minimum GPA of 2.0 on all courses credited toward the minor(s).

Graduation Requirements

Graduation requirements are governed by the date on which students declare their major(s) and minor(s). Students who declare their major(s) and minor(s) on or before the published deadline are bound by the requirements of the current academic year. Those students who declare after the published deadline are bound by the programs of study and degree requirements of the upcoming academic year as published in the MacEwan University Academic Calendar.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior-level and courses numbered from 200 to 499 are considered senior-level.

Major or Minor 300- and 400-Level Requirements

The 300- and 400-level requirements in the major or minor cannot consist solely of project, field placement, and/or individual study courses.

Maximum Independent Courses

The maximum number of credits for independent work (project, field placement, and/or individual study courses), excluding the Honours Thesis, is 15 credits. Specific disciplines may have further restrictions.

Maximum Junior-Level Courses

A maximum of 48 credits at the 100-level are permitted in completion of the BA degree. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the BA degree and will not be counted toward fulfilment of graduation requirements.

Minimum Arts Courses

Students are required to complete successfully a minimum of 72 credits from Arts courses.

Minimum Passing Grade

A minimum grade of D or credit (CR) is required for all Arts degree courses unless otherwise noted next to the appropriate course in the program of study.

Minimum Transfer Grade for Credit

A minimum grade of D is required on any transfer credit granted for the program. Unless otherwise stated, Arts and Science courses require a minimum grade of C- when the course is used as a prerequisite. Transfer credit decisions made by the university are final and cannot be appealed.

Out-of-Faculty Options Requirements

Students may take a maximum of 18 credits from courses offered by a MacEwan University Faculty or School other than Arts and Science. Students completing an out-of-Faculty minor or laddering students who have met the minor requirements with a MacEwan University diploma must complete their degree requirements from courses offered within the Faculty of Arts and Science or from the list of *Cross-Faculty Course Recognitions* in the Academic Calendar. Courses deemed as *Cross-Faculty Course Recognitions* are used to fulfill in-Faculty courses within the BA and do not count as out-of-Faculty options. Fine arts courses taken to fulfil breadth requirements count as in-Faculty credit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfil Bachelor of Arts or Arts Honours program requirements.

Honours Regulations

Overall Requirements

The Honours program of study consists of 63 to 84 credits as determined by the discipline. Students in the Honours program may choose to complete a minor outside of the Honours discipline. Some disciplines may require a minor.

Acceptance to Honours

For consideration of admittance/acceptance into Honours, students must present a minimum of 45 university-level credits applicable to the program of study, with a GPA of 3.0 or higher. They must complete 24 of the 45 credits in the last 12 months; however, exceptions to this rule may occur with the approval of the Honours discipline advisor. Individual departments may have additional requirements noted in their program of study.

Course Load

Students accepted into an Honours program must complete 24-credits in each twelve consecutive months they are in the program. Exceptions to this rule may occur with the approval of the Honours discipline advisor.

Grade Point Average Requirement

Students accepted and enrolled in the Arts Honours program must maintain a minimum overall GPA of 3.0 across all courses in the degree. As well, students must maintain a minimum GPA of 3.3 across a set of courses designated by each discipline for each twelve consecutive months following acceptance into the Honours program. Failure to do so will result in the student's program status reverting to a BA with a major in the previous honours discipline.

Graduation Grade Point Average

In order to graduate, students must obtain an overall GGPA of 3.0 or higher, with a minimum GPA of 3.3 across a set of courses designated by each discipline.

Program Learning Outcomes

Faculty of Arts and Science Degree-Level Learning Outcomes

Thinking about knowledge is at the core of University education and learning within the Faculty of Arts and Science. Students develop capacities to "think-through" - to practice wonder, reflection, and engage in thoughtful inquiry and dialogue. Thinking-through involves questioning beyond the confines of one's immediate personal, social, and disciplinary surroundings. First, knowledge is acquired and understood. Learning moves beyond acquiring information and data to a formally disciplined manner of thinking about knowledge. Next, knowledge is interrogated by asking and answering questions, distinguishing between opinion and knowledge, and developing tools to assess reasons and evidence. Finally, knowledge is synthesized as students develop coherent arguments, and link ideas together beyond what is immediately apparent. Learning is a lifelong creative process of discovery and action that happens beyond the classroom and the degree. Our graduates interact with and contribute to their community by integrating and applying the research and communication skills and ways of knowing developed through their education. Learning outcomes capture the observable knowledge, skills, and abilities graduates acquire that are the foundation of learning.

Graduates will demonstrate their ability to "think-through" by:

i. Analysing puzzles, problems, concepts, and theories.
ii. Conceptualizing questions based on disciplinary knowledge.
iii. Evaluating knowledge within and across disciplines in ways that acknowledge historical, cultural, and social contexts.

Graduates will demonstrate research and scholarship skills by:

iv. Applying appropriate research skills and ethical principles.
v. Interpreting results appreciating the value and limits of conclusions.
vi. Recognizing how research involves an ongoing process of reflection, dialogue, and reassessment.

Graduates will demonstrate diverse skills for communication by:

vii. Conveying complex ideas coherently in a variety of formats.
viii. Appraising information in ways that consider context and audience.
ix. Interpreting the ideas and arguments of others in ways that reflect their knowledge, judgement, and comprehension.

Graduates will demonstrate durable skills necessary for learning beyond their degree by:

x. Collaborating with diverse groups.
xi. Examining different perspectives and challenging biases and preconceptions.
xii. Exploring the continuous impact and limitations of disciplinary knowledge and expertise.

Sociology Major Learning Outcomes

1. Develop and synthesize sociological knowledge

a. Describe the mechanisms by which societies function
b. Discuss the social forces and agents of socialization that influence human behaviour
c. Identify and describe key sites of power in society
d. Outline and describe the history of sociology and the discipline's major theoretical perspectives

2. Examine sociological research

a. Distinguish between academic and popular knowledge
b. Compare and contrast quantitative and qualitative research
c. Access and evaluate disciplinary literature
d. Demonstrate an ability to read primary sociological works
e. Appraise sociological research

3. Demonstrate competency in sociological thinking and methods

a. Use sociological theory to inform the research process
b. Outline the process of qualitative and quantitative data collection and analysis
c. Conduct statistical data analysis
d. Interpret statistical and qualitative research results
e. Formulate and defend a scholarly argument

4. Apply sociological knowledge

a. Identify and analyze social problems
b. Identify both the underlying philosophies and the implications of social policies, regulations, and laws
c. Explain the relevance of sociological theories for understanding and addressing social problems
d. Critically evaluate the social and political processes by which power is exercised and social inequalities are generated and perpetuated
e. Critically evaluate social institutions and social policies

Student Plan

- The student plan provides a suggested course sequence with the minimum number of credits required for the major
- The suggested course sequence depends on course availability, the student's schedule, and the student's choice of minor(s) or secondary major
- It is highly recommended that students complete their Breadth Requirements by the end of year 2
- Students can use a maximum of 3 credits from SOCI 496, SOCI 497, and SOCI 498 to fulfill the minimum 400-level requirement
- SOCI 496, SOCI 497, and SOCI 498 can be taken up to two times each, but cannot be used in combination more than four times to fulfill the minimum requirements of the Sociology major or the Criminology Stream
- Only 3 credits from either SOCI 416 or SOCI 418 may be used to fulfill one of the Criminology and Deviance courses. The other 3 credits are used to fulfill the General Criminology Stream Requirements

Sociology Major

Year 1	Credits
SOCI 100	3
ENGL 102	3
Breadth Requirements	24
	30

Year 2	Credits
SOCI 215	3
SOCI 232	3
Choose 9 credits (3 courses) from senior-level SOCI	9
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 3	Credits
Choose 3 credits (1 course) from the following:	3
SOCI 310	
SOCI 318	
SOCI 333	3
Choose 6 credits (2 courses) from senior-level SOCI	6
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Year 4	Credits
Choose 6 credits (2 courses) from 400-level SOCI	6
Choose 6 credits (2 courses) from senior-level SOCI	6
Options, Minor(s), or Primary or Secondary Major Requirements	18
	30

Total Credits 120

Sociology Major, Criminology Stream

Year 1	Credits
SOCI 100	3
ENGL 102	3
Breadth Requirements	24
	30

Year 2	Credits
SOCI 215	3
SOCI 225	3
SOCI 227	3
SOCI 232	3
Choose 3 credits (1 course) from senior-level SOCI	3
Breadth, Option, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 3	Credits
Choose 3 credits (1 course) from the following:	3
SOCI 310	
SOCI 318	
SOCI 333	3
Choose 9 credits (3 courses) from the list of 200- and 300-level Criminology and Deviance courses:	9
SOCI 224	
SOCI 303	
SOCI 320	
SOCI 321	
SOCI 323	
SOCI 325	
SOCI 326	
SOCI 328	
SOCI 329	
Options, Minor(s), or Primary or Secondary Major Requirements	15
	30

Year 4	Credits
Choose 6 credits (2 courses) from the list of 400-level Criminology and Deviance courses:	6
SOCI 403	
SOCI 416	

SOCI 418	
SOCI 421	
SOCI 422	
SOCI 424	
SOCI 428	
SOCI 429	
SOCI 430	
SOCI 496	
SOCI 497	
SOCI 498	
Choose 3 credits (1 course) from senior-level SOCI	3
Options, Minor(s), or Primary or Secondary Major Requirements	21
	30

Total Credits 120

Expected Course Offerings

Following is a list of expected course offerings for fall 2024 and winter 2025. We will update the list with expected courses scheduled for fall 2025 and winter 2026 in February 2024. While some might change, students can be assured that required courses will be available.

Fall 2024

SOCI 100	Introductory Sociology
SOCI 215	Introduction to Social Research Methods
SOCI 224	Deviance and Conformity
SOCI 225	Criminology
SOCI 227	The Canadian Criminal Justice System
SOCI 232	Classical Sociological Theory
SOCI 237	Media and Society
SOCI 251	Population and Society
SOCI 261	Social Inequality
SOCI 269	Globalization and Canadian Society
SOCI 271	Introduction to the Family
SOCI 290	Introduction to the Sociology of Health and Illness
SOCI 301	Sociology of Gender and Sexuality
SOCI 302	Current Issues in Sociology
SOCI 303	Contemporary Issues in Criminology
SOCI 310	Introduction to Social Statistics
SOCI 318	Introduction to Qualitative Research Methods
SOCI 320	Crimes of Power
SOCI 321	Youth, Crime and Society
SOCI 325	Restorative Justice
SOCI 326	The Charter of Rights and Freedoms
SOCI 328	Victimology
SOCI 333	Contemporary Sociological Theory
SOCI 368	Race and Ethnic Relations
SOCI 375	Citizenship and Identity
SOCI 377	Youth, Culture and Identity
SOCI 387	Religion, Culture and Society
SOCI 402	Special Topics in Sociology
SOCI 403	Special Topics in Criminology and Criminal Justice
SOCI 418	Qualitative Research Methods
SOCI 421	Sociology of Punishment
SOCI 428	Police and the Community
SOCI 429	Criminal Law and Sentencing
SOCI 430	Gender, Crime, and Social Justice
SOCI 463	Advanced Topics in Canadian Society
SOCI 477	Advanced Topics in Youth

Winter 2025

SOCI 100	Introductory Sociology
SOCI 215	Introduction to Social Research Methods
SOCI 224	Deviance and Conformity
SOCI 225	Criminology
SOCI 227	The Canadian Criminal Justice System
SOCI 232	Classical Sociological Theory
SOCI 237	Media and Society
SOCI 241	Social Psychology
SOCI 261	Social Inequality
SOCI 269	Globalization and Canadian Society
SOCI 271	Introduction to the Family
SOCI 290	Introduction to the Sociology of Health and Illness
SOCI 301	Sociology of Gender and Sexuality
SOCI 302	Current Issues in Sociology
SOCI 303	Contemporary Issues in Criminology
SOCI 304	Current Issues in Family, Youth and Diversity
SOCI 310	Introduction to Social Statistics
SOCI 318	Introduction to Qualitative Research Methods
SOCI 321	Youth, Crime and Society
SOCI 323	Critical Criminology
SOCI 329	Sociology of Law
SOCI 333	Contemporary Sociological Theory
SOCI 362	Organization of Work
SOCI 363	Mental Health and Society
SOCI 368	Race and Ethnic Relations
SOCI 377	Youth, Culture and Identity
SOCI 387	Religion, Culture and Society
SOCI 400	Senior Seminar
SOCI 402	Special Topics in Sociology
SOCI 403	Special Topics in Criminology and Criminal Justice
SOCI 416	Quantitative Research Methods
SOCI 421	Sociology of Punishment
SOCI 424	Advanced Topics in Deviance, Normality and Social Control
SOCI 461	Advanced Topics in Social Inequalities

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Mathematics 30-1 or 30-2 is required for a major in Economics.
- Mathematics 30-1 or 31 is required for Economics Honours.
- Mathematics 30-1 or 30-2 is required for a major in Psychology.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be Canadian Applicants, 20 years of age or older, and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Three credits of university-level English, including ENGL 111 from MacEwan University, with a minimum grade of C.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Sociology Courses

SOCI 100
Introductory Sociology
3 Credits Weekly (3-0-0)
This course consists of an analysis of the nature of society, the interrelationships of its component groups, and the processes by which society persists and changes. Society is analyzed in terms of its structure and culture, interrelationships between various institutions (e.g. family, religion, school, government) and the process whereby an individual is socialized into society.

SOCI 201
Canadian Society
3 Credits Weekly (3-0-0)
This course analyzes major dimensions of Canadian Society including ethnic diversity (through historical immigration), Indigenous rights, the evolution of Quebec nationalism, the economic, political and cultural dominance of the USA, multinational/transnational corporate control, and globalization. Regional differences within the country are also discussed (e.g. state policy, uneven development, and elite control) as well as the sustainability of Canadian nationalism. Note: Credit can only be obtained for one of SOCI 101 and 201.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 215
Introduction to Social Research Methods
3 Credits Weekly (3-0-0)
This course is an introduction to social science research. Social research methods are techniques used to obtain information that answers questions about the social world. This course covers different ideas of how we know (epistemology) and different approaches to research (methodology). Key ethical considerations in social science research will be explored. This course introduces both quantitative and qualitative methods for collecting data. Restricted to Sociology majors or with permission of the Department of Sociology.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 224
Deviance and Conformity
3 Credits Weekly (3-0-0)
This course is an introduction to the study of deviance, conformity, and social control. The course will explore processes and factors which influence the definition of deviance and conformity. Theory and research on a wide range of specific topics will be analyzed, and may include topics such as sexuality, addiction, religion, youth, mental disorder, and physical appearance.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 225
Criminology
3 Credits Weekly (3-0-0)
Criminology is the search for and explanation of general patterns or regularities characterizing the law-breaking behaviour of individuals. The course is an introduction to the sociological study of crime and a critical appraisal of theoretical explanations and methods of conducting research.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 227
The Canadian Criminal Justice System
3 Credits Weekly (3-0-0)
This course emphasizes the three components of the criminal justice system: police, courts, and corrections. Specifically, the course examines the roles and functions of the police, the evolution of law and public policy, models and templates of justice, the procedural court processes, as well as research dedicated to reforming our community and institutional based correctional system. Note: This course was previously numbered SOCI 327. Students can receive credit for only one of SOCI 327 or SOCI 227.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 232
Classical Sociological Theory
3 Credits Weekly (3-0-0)
This course provides an in-depth analysis of the emergence and development of classical perspectives on society and human nature, as well as on the social changes brought by modernity. Emphasis is placed on the sociological theories of important figures such as Karl Marx, Emile Durkheim, and Max Weber, although the contributions of others may be discussed. Social theories are compared and assessed in terms of issues such as the following: the individual versus society; idealism versus materialism; and conflict versus consensus. Note: Credit can only be obtained for one of SOCI 232 and SOCI 332.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 237
Media and Society
3 Credits Weekly (3-0-0)
This course addresses the multidimensional relationship between changing media technologies and society. Students critically examine the ways that legacy media, digital media, and information technologies are intertwined with other social institutions and processes. Students analyze the many facets of media such as their roles in interpersonal relationships and understandings of self; their embeddedness in the everyday workings of education, family, government, healthcare and the economy; the way they are used to reproduce dominant ideologies and social inequality; and the way they facilitate social change and resistance.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 241
Social Psychology
3 Credits Weekly (3-0-0)
This course provides an introduction to the study of a variety of individual and group behaviours observed in social processes. In addition to addressing the nature of social psychological research, this course covers an array of topics including social cognition, social perception and the power of social influence. Furthermore, the course explores the development and processes of self-knowledge, self-evaluation, attitude formation, deindividuation, groupthink as well as other facets of social psychology. Note: SOCI 241 and PSYC 241 may not both be taken for credit.
Prerequisites: Minimum grade of C- in SOCI 100 or PSYC 104 or PSYC 105.

SOCI 251
Population and Society
3 Credits Weekly (3-0-0)
This course examines population trends and problems in Canada and the rest of the world; social and cultural factors underlying fertility, mortality, and migration patterns, urbanization, population explosion, population theory, and policy concerns.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 261
Social Inequality
3 Credits Weekly (3-0-0)
This course explores the structures and institutions within which people reside and which determine systems of social inequality. Students examine the ways in which people in particular social groups have power over those in other social groups. Issues of racism, sexism, sexuality and income inequality among other social inequalities are central to this course. The emphasis will be on Canada, but literature from other countries may be included. Students cannot receive credit for SOCI 261 and SOCI 361.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 269
Globalization and Canadian Society
3 Credits Weekly (3-0-0)
This course introduces students to the processes and implications of globalization within a Canadian and international context. It emphasizes the key organizations and institutions at the centre of contemporary globalization, the implications of globalization in relation to political, economic, socio-cultural, ecological and ideological relations, and the role of globalization in the opportunities and constraints felt by individuals in society.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 271
Introduction to the Family
3 Credits Weekly (3-0-0)
This course is a survey of sociological perspectives on, and research into families. While the emphasis is on current trends and institutional characteristics in Canada, marriage and families are examined in the context of cross-cultural and historical elements.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 290
Introduction to the Sociology of Health and Illness
3 Credits Weekly (3-0-0)
This course addresses sociological approaches to the study of health and illness, including relevant theoretical frameworks. Specifically, it details the social determinants that affect a person's ability to create and sustain health, and examines the social inequalities of health, illness, and healthcare in Canada. This course also examines contemporary issues in the sociology of health and illness, including medicalization, the framing of health as a personal responsibility, and the corporate influences of illness. Moreover, it critiques the biomedical frameworks that underpin contemporary western notions of health and illness.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 301
Sociology of Gender and Sexuality
3 Credits Weekly (3-0-0)
This course analyzes some of the social constructs of gender and sexuality in Canadian society. It looks historically at changing beliefs and practices regarding gender and sexuality as well as cross-culturally to analyze differences and similarities among cultural groups. The course pays particular attention to agents of gender and sexual socialization including but not limited to work, sport, health, and the media.
Prerequisites: Minimum grade of C- in at least one 200-level SOCI *(*p. 832*) course.*

SOCI 302
Current Issues in Sociology
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to contemporary sociology. The topic for the course varies and is announced prior to registration. This course may be taken up to three times provided the course topic is different.
Prerequisites: A minimum grade of C- in any 200-level SOCI *(*p. 832*) course.*

SOCI 303
Contemporary Issues in Criminology
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to contemporary criminology. The topic for the course varies and is announced prior to registration. Students can take this course up to three times, provided the topic is different.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 304
Current Issues in Family, Youth and Diversity
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to contemporary sociology, particularly focused on issues pertaining to family, youth, or diversity. The topic for the course varies and is announced prior to registration. This course may be taken up to three times provided the course topic is different.
Prerequisites: A minimum grade of C- in SOCI 271, SOCI 261, or SOCI 361; course instructors may have additional prerequisite requirements.

SOCI 310
Introduction to Social Statistics
3 Credits Weekly (3-0-0)
This course introduces students to the varied applications of statistics in sociological research. The key principles behind statistical techniques and the rationales for choosing between them are addressed. In this course, students learn the basic statistical concepts associated with both descriptive and inferential statistics including the following: central tendency, dispersion, frequency distributions, bar charts, group mean differences, correlation and regression. Interpretation of statistical results is an integral component of the course.
Prerequisites: A minimum grade of C- in SOCI 215 or SOCI 315.

SOCI 318
Introduction to Qualitative Research Methods
3 Credits Weekly (3-0-0)
In this course, students learn to investigate the social world using a variety of qualitative research approaches. Students explore the principles underlying qualitative inquiry and acquire a general understanding of the theoretical positions that underlie qualitative methodologies. Students explore the strengths and limitations of various approaches, develop the skills to design a qualitative research project, gather qualitative data, and begin to analyze qualitative research.
Prerequisites: A minimum grade of C- in SOCI 215.

SOCI 320
Crimes of Power
3 Credits Weekly (3-0-0)
Crimes of power encompasses the role of individuals and/or groups that work collaboratively to exert power and/or attain monetary benefits. This course builds on the premise that crime evolves and flourishes under the appropriate economic, political and social conditions which may cross borders. This course uilizes a comparative and international approach to defining and recognizing the scope of crimes of power. Discussions may include how gang activity, cybercrime, political activism/terrorism, arms/drug/human trafficking evolve within both a local and global context.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 321
Youth, Crime and Society
3 Credits Weekly (3-0-0)
This course is a survey of the understanding and treatment of youth in the Canadian criminal justice system. It examines the nature, extent and regulation of youth crime in Canada as well as historical and contemporary youth justice.
Prerequisites: Minimum grades of C- in SOCI 225 and one of SOCI 227 or PSSC 121.

SOCI 323
Critical Criminology
3 Credits Weekly (3-0-0)
Critical criminology is a broad umbrella term for a wide variety of scholars, theories, and topics. The unifying feature of this branch of criminology is the attention paid to power, social inequality and social justice. Critical criminologists argue that we live in a society marked by numerous inequalities, including class, race, and gender. They examine how the criminal justice system and criminology itself reflect, reinforce, and compound these inequalities. This course covers critical criminology theory and research, with a particular focus on contemporary work being done by Canadian scholars.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 325
Restorative Justice
3 Credits Weekly (3-0-0)
This course is an introduction to the practice of restorative justice. It describes the theory and history of restorative justice as well as the challenges restorative justice poses to conventional forms of justice. The course uses a sociological lens to examine both the strengths and weakness of this approach.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 326
The Charter of Rights and Freedoms
3 Credits Weekly (3-0-0)
The rights contained in the Canadian Charter of Rights and Freedoms are violated daily, especially for members of minority and marginalized communities. Nonetheless, Canada is consistently viewed as a world leader in human rights protection domestically and globally. This contradiction rightly calls for socio-legal analyses of the Charter's impact on the criminal justice system in Canada. This course critically appraises how the Charter protects and/or constrains both individual members of society as well as the agencies of criminal justice (police, courts, corrections). The operation of the Charter since its inception is placed in historical and social context using a case study approach. Supreme Court decisions and academic articles on topical societal issues (free speech, sex work, abortion, etc.) allow for critical discussions about the difference between rights in theory and rights in practice under the Charter.
Prerequisites: A minimum grade of C- in SOCI 225 and SOCI 227.

SOCI 328
Victimology
3 Credits Weekly (3-0-0)
The course takes a comprehensive look at the incidence and prevalence of victimization in Canada. This includes examining the evolution of legislation and public policy that advocate for the protection of victims of crime. In particular, the course will use an interdisciplinary framework to introduce students to the criminal event with a priority and focus on the victim, rather than the offender.
Prerequisites: Minimum grade of C- in SOCI 225 and SOCI 227.

SOCI 329
Sociology of Law
3 Credits Weekly (3-0-0)
This course examines conceptual, practical and philosophical relationships between law and society. The key emphasis is on processes by which legal rules are created, maintained and changed, and law as an instrument of social control and change.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 333
Contemporary Sociological Theory
3 Credits Weekly (3-0-0)
This course follows the continued development of sociological theorizing since the mid-20th century. Theoretical perspectives to be analyzed may include symbolic interactionism, dramaturgy, neo-functionalism, critical theory, world systems theory, feminist theories, poststructuralism, postmodernism, cultural theory, post-colonial and anti-racist theories, and more. The application of these theories to contemporary critical debates and societal issues is emphasized.
Prerequisites: A minimum grade of C- in SOCI 232.

SOCI 362
Organization of Work
3 Credits Weekly (3-0-0)
This course explores the meaning and organization of work, with a specific focus on Canada. Areas covered include properties of work organization (division of labour and specialization), technology and working knowledge, and social inequality that results from a polarized labour force.
Prerequisites: A minimum grade of C- in at least one 200-level SOCI *(*p. 832*) course.*

SOCI 363
Mental Health and Society
3 Credits Weekly (3-0-0)
This course offers a sociological approach to the study of mental health and illness. Topics may include: sociological theories of mental health and illness, the organization of the Canadian mental health system, medicalization, power and the medical model, the pharmaceutical industry, and mental health social movements. Topics are examined through historical, legal and theoretical approaches and students are encouraged to work beyond the conceptualization and treatment of mental illness in the fields of psychology and psychiatry.
Prerequisites: A minimum grade of C- in any 200-level course in SOCI *(*p. 832*).*

SOCI 368
Race and Ethnic Relations
3 Credits Weekly (3-0-0)
This course examines the social construction of race and ethnicity, and the causes and effects of racial and ethnic inequalities in Canada and other nation-states. The historical, political, and social impacts of race and ethnic relations are explored in a global context, with an emphasis placed on how these relations impact national identities. Topics that are covered in this course may include the following: formation of ethnic and racial identities, theories of racialization, racism and white privilege, immigration trends and policies, multiculturalism, and national identity formations.
Prerequisites: Minimum grade of C- in any 200-level SOCI *(*p. 832*) course.*

SOCI 375
Citizenship and Identity
3 Credits Weekly (3-0-0)
Society has been confronted with questions relating to citizenship and identity either as a response to or a product of contemporary globalization. This course examines the history of citizenship and identity and their contemporary manifestations in both the Global North and South. Of particular importance is the theoretical and practical contestations as well as consequences of citizenship and identity for specific ethnic groups in an era of globalization.
Prerequisites: A minimum grade of C- in a 200-level SOCI *(*p. 832*) course.*

SOCI 377
Youth, Culture and Identity
3 Credits Weekly (3-0-0)
This course focuses on the comparative analysis of youth in various types of societies, with special emphasis on Canada. Analysis includes investigation of the ways in which youth experiences and identities are embedded within a network of social structures, social interactions, and cultural characteristics.
Prerequisites: A minimum grade of C- in a 200-level SOCI *(*p. 832*) course.*

SOCI 387
Religion, Culture and Society
3 Credits Weekly (3-0-0)
This course examines the relationships between religion, culture and society from a number of sociological, historical and comparative perspectives. The course addresses a variety of topics including the following: defining religion, individual and collective meanings, identity, conversion, religious authority and leadership, religious pluralism, alternative religions, apocalypticism, religious fundamentalism and secularism.
Prerequisites: A minimum grade of C- in a 200-level SOCI *(*p. 832*) course.*

SOCI 393
Politics and Social Change
3 Credits Weekly (3-0-0)
This course explores the process of social change, focusing on how institutions shape and are shaped by collective organization in an effort to bring about social change. Social change is broadly defined to include economic, political, environmental, and technological change. Students examine a variety of groups pursuing social change and their relationship to key social institutions, such as the media and the state.
Prerequisites: Minimum grade of C- in a 200-level course in SOCI *(*p. 832*).*

SOCI 395
Sociological Field School
6 Credits Total (15-0-75)
Using sociological theories, concepts and research methods, students study a social issue of global relevance in a country other than Canada. Over the course of the field school, students meet and collaborate with Canadian agencies and institutions as well as agencies, institutions, faculty and students in another country. The course provides students with the opportunity to travel to another country and compare its laws, policies, culture and social practices with Canada. Note: This course combines lectures with experiential learning opportunities in an international setting. Students are expected to attend and participate in pre-departure lectures at MacEwan University as well as travel to and attend lectures delivered in another country. Acceptance into the field school is competitive and subject to an application process.
Prerequisites: Third year or more standing and consent of the Department; Students with a minimum grade of C- in at least one 300 level Sociology course will be given preference.

SOCI 398
Independent Study
3 Credits Total (0-0-45)
This course offers an intermediate-level student the opportunity to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

SOCI 400
Senior Seminar
3 Credits Weekly (0-0-3)
A capstone course is one in which students synthesize and apply the knowledge they have acquired in theory, methodology, and substantive subject-matter, in preparation for advanced education or entry into professional careers. In Sociology, this synthesis of knowledge reflects the "sociological imagination" (C. Wright-Mills, 1959) - the ability to recognize the interplay between individual experiences and public issues. In this course, students use their sociological imaginations in self-directed analyses of current societal issues, social problems, or controversies, building a body of diverse work that illustrates the knowledge and skills they will be carrying into their future educational, professional, and/or individual roles within a dynamic, multicultural society.
Prerequisites: Minimum grade of C- in a 300-level SOCI *(*p. 832*) course and consent of the department (Note: Preference will be given to students in the SOCI major and the Honours program).*

SOCI 402
Special Topics in Sociology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in sociology. The topic for the course varies from year to year and is announced prior to registration. Possible topics include the following: sport and gender, sociology of aging, sociology of religion, sociology of health and illness, critical media studies, race and racism, and sociology of globalization.
Prerequisites: A minimum grade of C- in a 300-level SOCI *(*p. 832*) course; individual instructors may require specific prerequisites.*

SOCI 403
Special Topics in Criminology and Criminal Justice
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in criminology. The topic varies and is announced prior to registration. Possible topics include youth and crime, comparative criminology, substance use, issues around mental illness, and the effects of race/ethnicity within the context of the Canadian criminal justice system. Students can take this course up to three times so long as the topic is different.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 416
Quantitative Research Methods
3 Credits Weekly (3-0-0)
This course examines quantitative research methods in Sociology. Topics covered include: advanced measurement and design issues, probability sampling issues, ethical issues, systematic observation, survey construction, experimental design, secondary analysis of existing information, and unobtrusive measures. Restricted to Sociology Majors or with the consent of the Sociology Department.
Prerequisites: Minimum grade of C- in SOCI 310 and SOCI 315.

SOCI 418
Qualitative Research Methods
3 Credits Weekly (3-0-0)
This course examines qualitative research methods in Sociology. Topics covered may include: designing qualitative research, ethical issues, interviews, focus groups, ethnography, action research, unobtrusive measures, case studies, content analyses, and the use of triangulation in research.
Prerequisites: Minimum grade of C- in SOCI 315 or (with consent of the instructor) PSYC 212.

SOCI 421
Sociology of Punishment
3 Credits Weekly (0-0-3)
This course is an examination and explanation of the historical and contemporary social underpinnings of punishment and the criminal justice system. Topics may include: the social and historical context of punishment; the rationale, principles and goals of sentencing; and current trends in Canadian corrections.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 422
Indigenous Peoples and Justice
3 Credits Weekly (3-0-0)
The course is a survey of the involvement of Indigenous peoples as offenders, victims and service providers in the Canadian criminal justice system at a variety of levels, including policing, courts, corrections, and aftercare. Special attention is given to the ways that Canadian law and the criminal justice system are established through settler-colonial governing practices and how this shapes the ways in which justice and inequality are experienced by Indigenous peoples.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 424
Advanced Topics in Deviance, Normality and Social Control
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a specific topic or current issue related to deviance, normality and social control. The topic for the course varies year to year and is announced prior to registration. Possible topics include the following: sociology of alcohol; youth subcultures; medicalization of deviance; mass media and social control; sexuality; power and popular music; cults; alternative beliefs; and genetic science, deviance, and social control.
Prerequisites: Minimum grades of C- in SOCI 224 and a 300-level SOCI (p. 832*) course or consent of the department.*

SOCI 428
Police and the Community
3 Credits Weekly (0-0-3)
This course examines current issues impacting police services and the citizens they serve. This includes the situational aspects of police-citizen interactions which explain how discretion leads to disparities and potential discrimination.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 429
Criminal Law and Sentencing
3 Credits Weekly (0-0-3)
The seminar explores the practice of jurisprudence within the Canadian criminal courts highlighting the subsequent disparities of charging and sentencing. Practitioners' ethics and evidentiary rules of law will provide a context to the decision-making factors within criminal court cases. Utilizing the various forms of legal interpretation as paradigms within the course will provide clarity on the evolution of legislation and public policy.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 430
Gender, Crime, and Social Justice
3 Credits Weekly (0-0-3)
This course critically examines key concepts, issues, and debates regarding gender, crime, and social justice. The key focus is on the study of women, crime, and criminalization and exploring the implications of crime as a gendered phenomenon. Topics include theories and approaches to female crime, the treatment of women as offenders and victims by the criminal justice system, imprisonment, and intersectional inequalities.
Prerequisites: Minimum grades of C- in SOCI 225 and either SOCI 301 or GEND 219.

SOCI 449
Advanced Topics in Social Psychology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of two or three central topics in social psychology. The theoretical, methodological and applied issues in the selected areas are emphasized. The topics for the course vary from year to year and are announced prior to registration. Possible topics include social cognition, social perception, interpersonal attraction, social psychology and health, and social psychology and the environment.
Prerequisites: Minimum grade of C- in at least one 300-level SOCI (p. 832*) course and a minimum grade of C- in SOCI 241 or PSYC 241 or consent of the department.*

SOCI 461
Advanced Topics in Social Inequalities
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in sociology, pertaining to social inequalities. The topic for the course varies from year to year and is announced prior to registration. Possible topics include theories of racism; migration, borders, and citizenship; education and social inequalities; poverty and wealth; food precarity; gender and identities; etc.
Prerequisites: A minimum grade of C- in one of SOCI 301, SOCI 261, SOCI 361, or SOCI 368.

SOCI 463
Advanced Topics in Canadian Society
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a topic in Canadian Society. The topic for the course varies from year to year and will be announced prior to registration. Possible topics include colonialism and the historical development of Canada, regionalism, ethnicity and gender inequities, free trade issues, multinationals and globalization, capitalism, government policy, and/or issues relating to Canadian identity. This course can be taken up to three times provided the topic is different.
Prerequisites: A minimum grade of C- in at least one 300-level SOCI (p. 832*) course.*

SOCI 470
Advanced Topics in the Sociology of Families
3 Credits Weekly (0-0-3)
This course provides an in-depth study of selected topics in the sociology of families. The topic for the course varies from year to year and is announced prior to registration. Possible topics include the following: gender and family, comparative family systems, intimate family relationships, deviance and family, and family policy.
Prerequisites: Minimum grades of C- in SOCI 271 and a 300-level SOCI (p. 832*) course or consent of the department.*

SOCI 477
Advanced Topics in Youth
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a specific topic or current issue related to the sociology of youth. The topic for the course varies year to year and is announced prior to registration. Possible topics include the following: youth subcultures; comparative youth systems; youth and inequality; youth substance use; music and youth culture; and youth, media, and information technologies.
Prerequisites: A minimum grade of C- in SOCI 377 or consent of the department.

SOCI 490
Sociology of Food and Nutrition
3 Credits Weekly (0-0-3)
This course provides an in-depth study of the sociology of food and nutrition. It analyzes socio-cultural, political, economic and philosophical factors that influence contemporary food production, distribution, and consumption. This course explores topics including but not limited to world hunger, environmental and ecological sustainability, government-issued dietary advice, food labelling, and eating disorders. An intersectional approach will be used to examine forms of social marginalization as it relates to cultural constructions of healthful eating. Conceptualizations between food and health will be moved outside of biochemical and nutricentric understandings of nutrition towards those framed within the macro structures of colonialism, patriarchy, neoliberalism, and capitalism. Food-related social movements will also be explored.
Prerequisites: Minimum grades of C- in SOCI 290 and a 300-level SOCI *(p. 832), or consent of the department.*

SOCI 496
Independent Research Proposal
3 Credits Total (0-0-45)
This course offers senior-level students the opportunity to work with an instructor to design an empirical research project in an applied or non-applied setting, and prepare a research proposal for that project. Students learn to formulate research questions, select an appropriate methodology, plan specific procedures for data collection and analysis, prepare a research proposal, and if required, submit a research ethics proposal. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the project.
Prerequisite: A minimum grade of C- in SOCI 315 and consent of the department.

SOCI 497
Independent Research Project
3 Credits Total (0-0-45)
This course offers senior-level students the opportunity to work with an instructor to conduct an empirical research project in an applied or non-applied setting. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the project.
Prerequisite: A minimum grade of C- in SOCI 315 and consent of the department.

SOCI 498
Advanced Independent Study
3 Credits Weekly (0-0-0)
This course offers a senior-level student the opportunity to work with an instructor to conduct a critical or theoretical analysis of the existing literature on a specific topic. The student plans, executes and reports the results of the critical or theoretical analysis under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the project.

SOCI 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical or theoretical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to, and required of, students in the final year of the Honours Sociology program. Students must complete both 499A and 499B in consecutive terms in order to receive a credit in this course.
Prerequisites: Consent of department.

SOCI 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical or theoretical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to, and required of, students in the final year of the Honours Sociology program. Students must complete both 499A and 499B in consecutive terms in order to receive a credit in this course.
Prerequisites: Consent of department.

Studio Arts – Bachelor of Fine Arts

Overview

Prepare for a contemporary, multi-dimensional career in the visual arts! This program provides experiential learning with a hands-on approach to project-based course work, creative research, off-site engagements with arts and culture venues, and insights from visiting artists and scholars. Dedicated faculty with professional art and research practices bring a range of experiences—equipping students with skills in performance and sound art, painting, drawing, video, sculpture, fibres and more—to expand their depth of knowledge in studio arts. Students' studies culminate in a professional public exhibition.

Contact Information
studioarts@macewan.ca (p. 6)

The Bachelor of Fine Arts

Faculty of Fine Arts and Communications
MacEwan.ca/BFA (https://www.macewan.ca/academics/programs/bachelor-of-fine-arts/)

MacEwan University's new Bachelor of Fine Arts (BFA) with four distinct majors—Arts and Cultural Management, Studio Arts, Music Theatre Performance, and Theatre Production—offers students the opportunity to complete a BFA in a distinct discipline while studying closely with students in other complementary fine arts and communications disciplines. The curriculum explores the interdependent and interdisciplinary nature of contemporary art and the diverse spaces within which artists work.

The BFA provides depth in one of four disciplines while also incorporating breadth though multi- and interdisciplinary studies. All students take several interdisciplinary courses, like *The Arts in Culture* and *First Peoples and the Arts* and can also choose from a range of electives in the social sciences and business. This degree responds to the changing needs of the creative and cultural industries and students graduate with practical management skills and a depth of knowledge, skill, and expertise in their chosen discipline.

Degree Requirements

Program Element	Description	Credits
Major Requirements	Students complete between 69 and 102 credits of required courses, depending on their major. All students complete 6 credits of university English (ENGL) and up to 9 credits of Interdisciplinary Studies in the Arts (INTA) courses.	69-102
Interdisciplinary Options	Students complete between 0 and 6 credits of Interdisciplinary Studies in the Arts (INTA) options, depending on their major.	0-6
Program Options	Students complete between 0 and 24 credits of program options, depending on their major.	0-24
Electives	Students complete between 15 and 27 credits of electives, depending on their major.	15-27

Major Requirements

Code	Title	Credits
AGAD 226	Museum and Gallery Management	3
ARTE 104	Five Centuries of Art and Visual Culture: From Renaissance to the 19th-Century	3
ARTE 106	Digital Foundation	3
ARTE 107	3D Foundation	3
ARTE 110	Drawing Foundation	3
ARTE 111	2D Foundation	3
ARTE 119	Introduction to Creative Research	3
ARTE 120	Drawing I	3
ARTE 205	Painting I	3
ARTE 206	Intermedia I	3
ARTE 224	The Visual Culture of Modernity: Fin-de-siècle to Mid-Twentieth Century	3
ARTE 234	Art and Visual Culture II: Modernism and Postmodernism	3
ARTE 304	Theory in Contemporary Art	3
ARTE 308	Professional Practice	3
ARTE 400	Art in the Public Sphere	3
ARTE 409	Concepts and Practice	3
ARTE 429	BFA Project	6
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
INTA 210	The Arts in Culture	3
INTA 362	First Peoples and The Arts	3
INTA 440	Community Engagement Project	3
Program Options		
Choose 21 to 24 credits from the list of program options.		21-24
Interdisciplinary Options		
Choose 3 credits from available INTA courses.		3
Electives		
Choose 24 to 27 credits of electives with at least 6 credits at the senior level. Students must take a minimum of 12 credits up to a maximum of 18 credits from available AGAD, BCSC, DESN, INTA, MUSC, PREL, THAR and THPR courses.		24-27
Total Credits		**120**

Program Options

List of Program Options

ARTE 207	3D Spatial Practice I	3
ARTE 214	History of Photography	3
ARTE 215	Painting II	3
ARTE 216	Intermedia II	3
ARTE 217	3D Spatial Practice II	3
ARTE 230	Introduction to Contemporary Drawing	3
ARTE 301	2D Concepts and Practice	3
ARTE 306	Intermedia Extended I	3
ARTE 307	3D Concepts and Practice	3
ARTE 311	2D Concepts and Practice Extended	3
ARTE 314	Thinking Photography	3
ARTE 316	Intermedia Extended II	3
ARTE 317	3D Concepts and Practice Extended	3
ARTE 324	History of Interdisciplinary Arts	3
ARTE 399	Special Topics in Art	3

INTERDISCIPLINARY OPTIONS

List of Interdisciplinary Options

INTA 220	Cultural Theory	3
INTA 300	Confluence and Culture	3
INTA 310	The Arts in Urban Regeneration	3
INTA 360	The Arts and Pedagogy	3
INTA 412	Interdisciplinary Arts Project	3

Pathways

The pathways below are recommendations on courses students could choose for their program options if they have a particular area of interest. Students can also develop their own pathway by selecting various program options.

2D Art Studio Pathway

ARTE 215	Painting II	3
ARTE 230	Introduction to Contemporary Drawing	3
ARTE 301	2D Concepts and Practice	3
ARTE 311	2D Concepts and Practice Extended	3

3D Art Studio Pathway

ARTE 207	3D Spatial Practice I	3
ARTE 217	3D Spatial Practice II	3
ARTE 307	3D Concepts and Practice	3
ARTE 317	3D Concepts and Practice Extended	3

Intermedia Art Pathway

ARTE 216	Intermedia II	3
ARTE 306	Intermedia Extended I	3
ARTE 316	Intermedia Extended II	3
ARTE 324	History of Interdisciplinary Arts	3

List of Course Substitutions

List of Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
ARTE 102	ARTE 104
ARTE 123	ARTE 107
ARTE 202	ARTE 224
ARTE 203	ARTE 234
ARTE 208	ARTE 308
ARTE 231	ARTE 205 and ARTE 215
ARTE 240	ARTE 219

Diploma Exit

Code	Title	Credits
ARTE 104	Five Centuries of Art and Visual Culture: From Renaissance to the 19th-Century	3
ARTE 106	Digital Foundation	3
ARTE 107	3D Foundation	3
ARTE 110	Drawing Foundation	3
ARTE 111	2D Foundation	3
ARTE 119	Introduction to Creative Research	3
ARTE 120	Drawing I	3
ARTE 205	Painting I	3
ARTE 206	Intermedia I	3
ARTE 224	The Visual Culture of Modernity: Fin-de-siècle to Mid-Twentieth Century	3
ARTE 234	Art and Visual Culture II: Modernism and Postmodernism	3
ARTE 308	Professional Practice	3
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
INTA 210	The Arts in Culture	3
Program Options		
Choose 9 credits from the list of program options.		9
Electives		
Choose 6 credits of electives. Students must take a maximum of 3 credits from available AGAD, BCSC, DESN, INTA, MUSC, PREL, THAR, and THPR courses.		6
Total Credits		**60**

List of Program Options

Code	Title	Credits
ARTE 207	3D Spatial Practice I	3
ARTE 214	History of Photography	3
ARTE 215	Painting II	3
ARTE 216	Intermedia II	3
ARTE 217	3D Spatial Practice II	3
ARTE 301	2D Concepts and Practice	3

Degree Regulations

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and co-requisite requirements for all courses.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level, and courses numbered from 200 to 499 are considered senior level.

Senior-Level Coursework Requirements

A minimum of 72 credits of the total 120 program credits must be at the senior level. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the degree and will not be counted toward fulfillment of graduation requirements.

English, Option and Elective Requirements

Students must review their major area Program of Study to ensure that they are familiar with the major requirements as well as the English, Options and Electives (and required number of senior-level credits) required for successful completion of their degree. Periodic meetings with an Academic Advisor are strongly recommended.

Residency Requirements

Students must complete 50% of the total credit requirements for the BFA at MacEwan University, as governed by Academic Policy Graduation (https://www.macewan.ca/c/policies/graduation.pdf).

Graduation Grade Point Average

Students must achieve and maintain a minimum Graduation Grade Point Average of 2.00 on the 4.00 scale.

Declaring Your Major

Applicants must declare their major when applying to the BFA. A second-choice option may also be declared at that time.

Changing from one Major to another BFA Major

Students who wish to change their major area of study must reapply to the BFA before the next published application deadline and indicate the new major to which they are applying. In order to be considered for a different major, applicants must be able to fulfill the other admission requirements for that major. See the Admission Criteria for more information on specific requirements for each major.

Work Integrated Learning

Work Integrated Learning opportunities are threaded throughout the Bachelor of Fine Arts program and provide students with important skills, creative industry knowledge and practical experience to succeed in their chosen field of study. To learn more about Work Integrated Learning opportunities for a particular major, please see the Program of Study.

Students completing their field placement courses in the Arts and Cultural Management major must comply with the Academic Policy Work Integrated Learning (https://www.macewan.ca/c/policies/work_integrated_learning.pdf). The University will facilitate the assignment of students in work placements; however, students must take responsibility for securing an acceptable placement and must work collaboratively with a university supervisor before and during their placement. Students are required to comply with any employer policies, including, but not limited to: confidentiality, hours of work, intellectual property rights and privacy protection.

Diploma Requirements

Students are eligible for a diploma after the completion of 60 credits as specified by the Program of Study in each major. In the Arts and Cultural Management major, that declaration must occur by the add/drop date at the beginning of their second year of study in order for arrangements to be made for the student to complete their required field placement. Failure to declare this intention will result in a delay in obtaining the diploma.

In the three other majors, declaration must occur by the graduation deadline of the year in which they wish to exit with a diploma.

Learning Outcomes

Bachelor of Fine Arts Learning Outcomes

1. Use creative methodologies and scholarly research in professional practice.
2. Advocate for the arts in a variety of communities.
3. Collaborate with artists and scholars toward the fulfillment of a vision, goal, initiative, or project.
4. Analyze scholarly works in arts and culture.
5. Engage communities through art with respect for cultural and social differences.
6. Communicate effectively and respectfully through a variety of media and in a range of contexts.
7. Employ ethical and sustainable strategies to support a career in the arts.
8. Respond to the ongoing demands of a professional arts practice through continual learning.

Studio Arts Major Learning Outcomes

1. Identify significant historical and contextual events in art and visual culture.
2. Discuss contemporary art theory, methodology, and practice.
3. Critically evaluate elements and principles of art.
4. Engage in the production of diverse contemporary art forms.
5. Utilize traditional and innovative spaces, media and materials in professional arts practice.
6. Engage in creative research as a methodology.
7. Embrace the role of critical analysis in art production and writing.
8. Establish a personal art practice.

Admission Requirements

Applicants must be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

- ELA 30-1 or 75% in ELA 30-2
- Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine or more post-secondary-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university level English with no grade less than C-

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. from a recognized institution:

- A diploma (minimum of 60 credits)

OR

- A minimum of 24 university-level credits

Additional Admission Criteria

To be evaluated through the Program

Studio Arts

Applicants are required to submit a portfolio and a statement of intent to be assessed by a committee of Studio Arts faculty.

Successful applicants will demonstrate in their portfolio:

- Formal skills: aesthetic sensibility, basic understanding of composition, colour, tone, perspective;
- Technical abilities: an interest in working with a variety of mediums and subjects, demonstrating skill, craftsmanship, diversity; and
- Demonstrates experimentation and conceptual engagement

Successful applicants will demonstrate in their statement of intent:

- The ability to express ideas well in writing;
- How this MacEwan University program is aligned with their interests and goals; and
- An interest in learning about the theories and practice of historical and contemporary art.

Music Theatre Performance

Applicants are required to audition and submit a cover letter and resume.

An audition panel will assess:

- Acting abilities (objectives, actions, creative risk-taking);
- Singing abilities (breath, phonation, resonance, range, articulation); and
- Dancing/movement abilities (physicality, gesture, alignment).

The cover letter will include:

- How this MacEwan University program is aligned with the applicant's interests and goals.

The resume should include:

- Previous training;
- Previous performing experience; and
- Special skills (e.g. languages, gymnastics, juggling, etc.)

Theatre Production

Applicants are required to submit a brief statement of intent outlining:

- Why they are interested in the program;
- The career that they are seeking through the completion of the program; and
- A description of the last theatre production they attended.

Applicants offered admission to the Theatre Production major are required to submit current, valid standard first aid certification (including Level C CPR) by the published document deadline.

Supply Chain Management - Bachelor of Commerce

Overview

The Supply Chain Management major prepares students to analyze business problems and participate in the strategic coordination and integration of business functions within an organization as well as with supply-chain partners. Students will learn to make general business decisions and supply-chain specific decisions in the areas of procurement, supplier management, inventory control, operations planning and control, logistics, e-business and demand management.

Graduates with this major are eligible to receive advance standing in the Supply Chain Management Professional (SCMP) designation.

The Bachelor of Commerce

School of Business
MacEwan.ca/BCom (http://%E2%80%8BMacEwan.ca/BCom/)

The Bachelor of Commerce focuses on the development of basic business and managerial competencies combined with an understanding of globalization and its implications. The program is structured to provide comprehensive preparation for management positions with both for-profit and not-for-profit organizations as well as the public sector.

The degree provides students with knowledge and critical understanding of commerce and management, and the ability to gather, review, evaluate and interpret information relevant to business and management. Key professional skills are taught: ethical business practices and sustainability, business communication skills, teamwork, business analytics and technology, global and local mindsets, critical thinking and research, including the opportunity to engage in independent research and practice. These skills are integrated across all courses in the program.

The program consists of three types of courses: core, major/minor and elective. Core courses develop fundamental skills and abilities in business and management. Upon completion of core courses, the student will choose one of seven majors: Accounting, Human Resources Management, International Business, Legal Studies in Business, Management, Marketing or Supply Chain Management. The courses in the majors deepen knowledge of business within a focal area and the elective courses broaden education beyond business and tailor the degree to the student's interests. Co-operative Education streams are also available. Students may explore their options in completing a second major, one or two minors, or a double major with a non-business minor. The program will prepare students for graduate studies in related fields.

All newly admitted students are admitted as "Undeclared". This means a student has not yet chosen a major which focuses a good portion of their degree on a specific discipline and area of study. Students generally declare their Major and Minors after they have completed a minimum of 45 credits. These declarations are expected from students who have made this decision between September 1 and February 15 (January 15 for competitive Majors and Minors). Information about Majors and Minors is available to students via email and newsletters and further

assistance with this decision is available from the academic advisors in their program.

Commerce Disciplines

Discipline	Major	Minor	Honours
Accounting	◉	◉	◉
Human Resources Management	◉	◉	◉
International Business	◉	◉	◉
Legal Studies in Business	◉	◉	-
Management	◉	◉	◉
Marketing	◉	◉	◉
Supply Chain Management	◉	◉	-
Business Intelligence	-	◉	-
Finance	-	◉	-
Innovation & Entrepreneurship	-	◉	-
Property Management	-	◉	-

Out of School Minors

Discipline	Minor
Anthropology	◉
Digital Experience Design	◉
Economics	◉
French	◉
History	◉
Journalism	◉
Political Science	◉
Psychology	◉
Sociology	◉
Spanish	◉
Statistics	◉

Career Potential

Graduates of the Bachelor of Commerce program have a wide variety of options: they could choose to work in corporations, governments, not-for-profit organizations or perhaps start their own businesses. Careers in disciplines such as finance, marketing, accounting, banking, business consulting, management information systems, human resources management, team and organizational development, small business management, international business, operations management, purchasing, or logistics are available. Another option is to continue their education by completing a graduate degree, such as an MBA or PhD, which could lead to an academic or research career.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (Business@macewan.ca)

Bachelor of Commerce Requirements

Program Element	Description	Credits
Core	Business	39
Core	Non-Business	18
Total	**Core Requirement Credits**	**57**
Primary Major	Majors range from 21 to 30 credits with a minimum of 21 credits at the senior level and 12 of those credits at the 300 or 400-level. Majors are comprised of both required courses and a selection of options.	21-30
Non-Business Electives	Students must complete 15-21 credits of Non-Business electives and may use these credits to fulfill the requirements of a minor(s) or second major.	15-21
Open Electives	Students must complete 6-15 credits of Open electives and may use these credits to fulfill the requirements of a minor(s) or second major.	6-15
Business Electives	Students must complete 6 credits of Business electives and can use these credits to fulfill the requirements of a minor(s) or second major.	6
Minor(s) or second major	Students have the option of completing one or two minors, or a second major from the Bachelor of Commerce, provided they can satisfy their requirements for Business, Non-Business and Open Electives with that same coursework. Minors are comprised of 15 credits of senior-level coursework. Students are limited to one minor from outside the School of Business.	15-30
Total	**Required Minimum Core, Major and elective credits for the degree**	**120**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Core Business Courses

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 450	Strategic Management	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MSYS 200	Introduction to Management Information Systems	3
MGTS 103	Introduction to Business Statistics	3
MGTS 312	Advanced Business Statistics	3
MGTS 352	Operations Management	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3

Core Non-Business Courses

Code	Title	Credits
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
Select 3 credits of university ENGL [1]		3
PROW 210	Advanced Business Writing	3
Select 3 credits from the following:		3
MGTS 113	Introduction to Quantitative Decision-Making	
MATH 114	Elementary Calculus I	
MATH 120	Basic Linear Algebra I	

1

not including ENGL 108 or ENGL 111

Course Substitutions

Program Requirements

Supply Chain Management Major (p.)

Supply Chain Management Minor (p.)

Bachelor of Commerce - Supply Chain Management Major

Major Requirements – Complete 30 credits (10 courses) from this list:

Code	Title	Credits
SCMT 200	Introduction to Global Supply Chain Management	3
SCMT 205	Introduction to e-Business	3
SCMT 305	Transportation Management	3
SCMT 307	Principles of Quality Management	3
SCMT 320	Supply Chain Resource Planning	3
SCMT 322	Business Logistics Management	3
SCMT 324	Procurement and Supply Management	3
SCMT 403	Supply Chain Coordination and Risk Management	3
SCMT 407	Global Sourcing and Logistics	3
SCMT 425	Supply Chain Process Management	3
Elective Requirements		
Business Electives		6
Non-Business Electives		18
Open Electives		9
Total Credits		**63**

Minor Requirements - Complete 15 credits (5 courses) from this list:

Code	Title	Credits
SCMT 200	Introduction to Global Supply Chain Management	3
SCMT 322	Business Logistics Management	3
SCMT 324	Procurement and Supply Management	3
Choose 3 credits (1 course) from the following:		3
SCMT 305	Transportation Management	
SCMT 307	Principles of Quality Management	
SCMT 320	Supply Chain Resource Planning	
Choose 3 credits (1 course) from the following:		3
SCMT 403	Supply Chain Coordination and Risk Management	
SCMT 407	Global Sourcing and Logistics	
Total Credits		**15**

Degree Regulations

Students are strongly encouraged to seek advice from the academic advisors about program planning, whether for completing degree requirements at MacEwan University.

Academic Residency - Credit Requirements

Further to the Academic Residency regulation requirement, Policy C2100, the Bachelor of Commerce program requires that the 60 credits must include a minimum of 12 credits in a major with six of those completed at the 400 level.

Core and Major Requirements

The Bachelor of Commerce program consists of 120 non-duplicative credits. The core program requirements include 57 credits, comprised of 39 business credits and 18 non-business credits. Each major includes 21-33 credits of specific coursework requirements. Refer to the Program of Study for each major for specific requirements.

Declaration of Major and Minor

Students are required to declare a major upon the completion of 60 credits and by published deadlines. As completion of one major is a graduation requirement, students are strongly encouraged to consult with an academic advisor prior to declaration of their major. If students change their major following their declaration, additional coursework may be necessary to fulfill the requirements of the new major.

Students have the option of completing a second major from existing majors in Commerce, or one or two minors, provided they can satisfy their requirements for Business, Non-Business, and Open electives with that non-duplicate coursework. Minors are comprised of 15 senior-level credits and are not a graduation requirement. Only one minor from outside the School of Business is permitted.

Depending on the courses or specializations in which a student chooses to enrol, meeting the requirements of a double major may require the completion of more than 120 credits. Further, students admitted into the Bachelor of Commerce via Block Transfer cannot complete a minor.

Electives and Options

The Bachelor of Commerce has specific requirements for elective and option credits.

The four categories are:

1. Options – a choice of courses from a list specified in the requirements for some majors
2. Business Electives – a choice of any baccalaureate level course from the School of Business which is not a required core or major course in the student's primary major. Students may use Business Electives to meet minor or second major requirements.
3. Non-Business Electives – a choice of any baccalaureate level course outside the School of Business which is not a required core or major course in the student's chosen major. Students may use Non-Business Electives to meet minor requirements inside and outside the School of Business.
4. Open Electives – a choice of any baccalaureate level course which is not a required core or major course in the student's primary major. Students may use Open Electives to meet minor or second major requirements.

Maximum 100 Level Courses

A maximum of 39 credits at the 100-level are permitted in completion of the Bachelor of Commerce degree. Additional credits at the 100 level will be declared extra to the degree. The required 100 level language credits for students in the International Business major are exempt from this limit.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on all courses that may fulfill Bachelor of Commerce program requirements.

Students who interrupt their program and who must apply for readmission to the program will be required to comply with any new regulations upon resumption of their studies

Subsequent Baccalaureate

This degree does not offer Subsequent Baccalaurate programs of study to graduates of the Bachelor of Commerce degree.

Bachelor of Commerce Co-operative Education Programming

The co-operative education program component is competitive as there are limited co-op placements. Students interested in this program are encouraged to speak with a co-op advisor and visit the website for up-to-date information: MacEwan.ca/Co-op (https://www.macewan.ca/academics/programs/bachelor-of-commerce/academics/co-operative-education/).

Co-operative Education Degree Regulations

All students who apply and are accepted into the Co-operative Education stream will be subject to MacEwan Policy C2065 Co-operative Education and the Bachelor of Commerce Co-operative Education Degree Regulations.

Applying to the Co-Operative Education Stream

Once students are admitted to the Bachelor of Commerce program and meet eligibility criteria for the Co-operative Education Stream they may apply. International students are eligible to apply but are responsible for obtaining any visas or work permits that are required.

Withdrawal from the Co-operative Education Stream

A student who fails to report to a work placement, or is dismissed from a work placement, may be assigned a failing grade for that work placement. Any student who leaves a work placement without university approval will receive a failing grade for the work placement and may be prohibited by the Chair or delegate from continuing in the Co-operative Education Stream. The university reserves the right, at any point during the work placement, to remove a student from situations in which students, clients, or other individuals are placed at risk, or when the student engages in behaviour that is contrary to the professional requirements of the work placement.

Additional Core Requirements

All co-op students must complete the following four courses in addition to the 120 credits required to graduate from the Bachelor of Commerce degree:

Code	Title	Credits
COOP 290	Co-op Pre-employment Seminar	0
COOP 295	Co-operative Education: First Work Experience (360 hours)	0
COOP 395	Co-Operative Education: Second Work Experience (360 hours)	0
COOP 495	Co-Operative Education: Third Work Experience (360 hours)	0

As part of these courses students will create learning objectives, complete a work placement report and be evaluated by their employer.

Prior to the start of a work placement students are required to sign a declaration stating that they have read and understood their responsibilities to both their employer and the university.

Work Placements and Timing

Each work placement will consist of a minimum of 360 hours of paid employment in a job that is relevant to the student's program. The student must have no more than two academic terms remaining when the final work placement is completed; and the student's last term in the program must be an academic term.

Students benefit from their work placement experience by being exposed to the work setting in more than one season of the year. They are strongly encouraged to choose work terms in more than one season, unless it can be demonstrated that their work is of a purely seasonal nature.

Course Load During Full-Time Co-Op Work Terms

Co-op work and study are designed to be engaged in full time. Students may not be enrolled in any other credit coursework concurrently when registered in a Co-op work term. This regulation applies to students registered in any one of COOP 295, COOP 395 or COOP 495.

Under certain circumstances, students may obtain consent to register in one, three-credit course for which credit can be recognized in the MacEwan University Bachelor of Commerce degree, while registered in one of the three COOP work experience courses. Students will submit a written request to the attention of the department chair (or delegate), care of BCom, student services, explaining compelling reasons to enrol while on Co-op work term. Submissions must be hand delivered, dated and signed by the student. Permissions may be granted based on individual circumstance. If students register in course(s) while being registered in one of COOP 295, COOP 395 or COOP 495 without obtaining written consent, they will be automatically removed from the Co-op placement.

Responsibility for Obtaining a Work Placement

The university will facilitate the assignment of students in work placements. However, students are ultimately responsible for finding their own work placements, and all work placements must be approved by the University. The University cannot guarantee students' co-op employment, because labour market conditions are variable and beyond university control. A student's failure to find a work placement may result in the student being required to withdraw from the Co-op stream.

Grade Point Average (GPA) Requirements

The student must maintain good academic standing (a grade point average of at least 2.0) to enrol in co-op work placements. Failure to maintain a minimum GPA of 2.0 will result in the student being withdrawn from the Co-op stream.

School of Business Degree-Level Program Learning Objectives

Each graduate of the Bachelor of Commerce program will be able to:

1. KNOWLEDGE OF BUSINESS AND MANAGEMENT

Outcome: Apply knowledge of business and management within and across functional areas of an organization.

2. DECISION MAKING AND SUSTAINABILITY

Outcome: Apply analytical and critical thinking skills, as well as qualitative and quantitative methods, to develop sustainable solutions to address organizational issues.

3. ENTREPRENEURSHIP, INNOVATION, AND CREATIVE THINKING

Outcome: Think creatively, innovatively, and develop an entrepreneurial mindset as well as applied business research to support organizational development.

4. GLOBAL MINDSET AND LOCAL EXPERTISE

Outcome: Integrate local, national, and international perspectives, while demonstrating cultural mindfulness of inclusion, equity, and diversity, notably as it relates to Indigenous cultures including an understanding of Indigenous peoples.

5. PROFESSIONALISM, ETHICS, AND SELF-DEVELOPMENT

Outcome: Demonstrate professionalism, personal integrity, and ethical behavior, while engaging in reflective practices for ongoing professional and personal development.

6. LEADERSHIP AND TEAMWORK

Outcome: Lead and participate effectively in teams in various roles and contexts, through a variety of leadership approaches.

7. COMMUNICATION AND TECHNOLOGY

Outcome: Communicate effectively, respectfully, and meaningfully; and use existing and emerging technologies to enhance the effectiveness and efficiency of business processes.

8. JOB READINESS AND FUTURE READINESS

Outcome: Acquire meaningful hands-on experience and practical know how via various forms of work-integrated learning to be job-ready and future-ready.

Supply Chain Management Major Learning Objectives

1. Develop a mindset that encompasses local and global perspectives in working with business partners while advocating supply chain sustainability and resilience.

2. Apply critical thinking skills to design mechanisms for supply chain collaboration and transparency to attain integrated processes in the global supply network.

3. Stay informed on core theories, nomenclature, and contemporary practices related to aspects of physical distribution systems, including inventory, transportation, warehousing, outsourcing, and network design.

4. Acquire proficiency in applying analytical techniques, statistical methods, and data visualization tools (e.g., spreadsheets and Power BI) to identify patterns, trends, and insights from supply chain data.

5. Develop skills to analyze the configuration of supply chain networks considering the dynamics in market demand, logistics costs, lead times, customer service levels, etc.

6. Develop the ability to work collaboratively to address complex supply chain issues and implement data-driven solutions.

7. Enhance communication and presentation skills to convey supply chain analytics insights to stakeholders and decision-makers effectively.

8. Integrate knowledge of current best practices and emerging technologies to formulate a vision of the future of supply chain ecosystems.

Student Plan

- Suggested Course Sequencing
- Minors, double minors, and double majors must be completed using required electives.

Year 1	Credits
BUSN 201	3
ECON 101	3
ECON 102	3
ENGL 102	3
LEGL 210	3
MGTS 103	3
Choose 3 credits (1 course) from this list:	3
MGTS 113	
MATH 120	
MATH 114	
Choose 3 credits (1 course) any ENGL course	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 2	Credits
ACCT 311	3
ACCT 322	3
FNCE 301	3
MARK 301	3
MGTS 312	3
MGTS 352	3
ORGA 201	3
PROW 210	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 3	Credits
MSYS 200	3
ORGA 316	3
SCMT 200	3
SCMT 305	3
SCMT 307	3
SCMT 320	3
SCMT 322	3
SCMT 324	3
Non-Business Electives: Choose 6 credits (2 courses) from any subject outside business.	6
	30

Year 4	Credits
SCMT 205	3
SCMT 403	3
SCMT 407	3
SCMT 425	3
BUSN 450	3
Business Electives: Choose 6 credits (2 courses) from any business course.	6
Open Electives: Choose 9 credits (3 courses) from any subject	9
	30

Total Credits 120

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale from a recognized institution:

- A business diploma (minimum 60 credits).

OR

- A non-business diploma (minimum 60 credits) and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

OR

- A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/)

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Theatre Production – Bachelor of Fine Arts

Overview

In the Theatre Production major, students hone their creativity and problem-solving skills while making magic behind the scenes. Students receive practical training and gain versatile skills in costuming and scenic painting; props and scenic construction; lighting, video, and audio; and technical, stage, and production management. Working in Allard Hall's state-of-the-art facilities, students study under seasoned professionals and alongside passionate peers to produce MacEwan's theatre season shows and prepare for dynamic career opportunities in the entertainment sector.

Contact Information
theatreproduction@macewan.ca

The Bachelor of Fine Arts

Faculty of Fine Arts and Communications
MacEwan.ca/BFA (https://www.macewan.ca/academics/programs/bachelor-of-fine-arts/)

MacEwan University's new Bachelor of Fine Arts (BFA) with four distinct majors—Arts and Cultural Management, Studio Arts, Music Theatre Performance, and Theatre Production—offers students the opportunity to complete a BFA in a distinct discipline while studying closely with students in other complementary fine arts and communications disciplines. The curriculum explores the interdependent

and interdisciplinary nature of contemporary art and the diverse spaces within which artists work.

The BFA provides depth in one of four disciplines while also incorporating breadth though multi- and interdisciplinary studies. All students take several interdisciplinary courses, like *The Arts in Culture* and *First Peoples and the Arts* and can also choose from a range of electives in the social sciences and business. This degree responds to the changing needs of the creative and cultural industries and students graduate with practical management skills and a depth of knowledge, skill, and expertise in their chosen discipline.

Degree Requirements

Program Element	Description	Credits
Major Requirements	Students complete between 69 and 102 credits of required courses, depending on their major. All students complete 6 credits of university English (ENGL) and up to 9 credits of Interdisciplinary Studies in the Arts (INTA) courses.	69-102
Interdisciplinary Options	Students complete between 0 and 6 credits of Interdisciplinary Studies in the Arts (INTA) options, depending on their major.	0-6
Program Options	Students complete between 0 and 24 credits of program options, depending on their major.	0-24
Electives	Students complete between 15 and 27 credits of electives, depending on their major.	15-27

Major Requirements

Code	Title	Credits
ENGL 102	Analysis and Argument	3
Choose 3 credits of ENGL from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
INTA 210	The Arts in Culture	3
INTA 362	First Peoples and The Arts	3
INTA 414	Making a Career in the Arts	3
THPR 101	Technical Crafts I: Audio and Lighting	3
THPR 102	Artisan Crafts I: Paint, Props and Costume	3
THPR 103	Stage Crafts I: Carpentry, Drafting and Rigging	3
THPR 104	Production I	3
THPR 121	Technical Crafts II: Audio and Lighting	3
THPR 122	Artisan Crafts II: Paint, Props and Costume	3
THPR 123	Stage Crafts II: Carpentry, Drafting and Rigging	3
THPR 124	Production II	3
THPR 205	Theatre History I: Ancient Greece through the Renaissance	3
THPR 206	Theatre History II: The Renaissance to the Modern Era	3
THPR 211	Technical Crafts III: Audio, Lighting and Video/Projection	3
THPR 212	Artisan Crafts III: Paint, Props and Costume	3
THPR 213	Stage Crafts III: Carpentry, Drafting and Welding	3
THPR 214	Production III	3
THPR 221	Technical Crafts IV: Audio, Lighting and Video/Projection	3
THPR 222	Artisan Crafts IV: Paint, Props and Costume	3
THPR 223	Stage Crafts IV: Carpentry, Drafting and Rigging	3
THPR 224	Production IV	3
THPR 314	Production V	3
THPR 324	Production VI	3
THPR 414	Production VII	3
THPR 424	Production VIII	3
Choose 3 credits of senior-level AGAD		3
Program Options		
Students complete 18-21 credits of Program Options from the list below.		18-21
Electives		
Choose 15 to 18 credits of electives. Students must take a minimum of 6 credits up to a maximum of 9 credits from available AGAD, ARTE, BCSC, DESN, INTA, MUSC, PREL and THAR courses.		15-18
Total Credits		**120**

Program Options

List of Program Options

Choose 2 of: THPR 311, THPR 312, THPR 313, THPR 321, THPR 322, THPR 323
Choose 1 of: THPR 411, THPR 412, THPR 413
Choose 1 of: THPR 421, THPR 422, THPR 423
Choose 2-3 of: THPR 300 or 400-level courses from the list of program options below.

THPR 300	Management I: Stage Management	3
THPR 305	Theatrical Design I: Introduction	3
THPR 311	Technical Crafts V: Projection	3
THPR 312	Artisan Crafts V: From Concepts to Reality	3
THPR 313	Stage Crafts V: Advanced Rigging and Stage Machinery	3
THPR 321	Technical Crafts VI: Managing People and Networks	3
THPR 322	Artisan Crafts VI: Shop Management	3
THPR 323	Stage Crafts VI: Technical Direction	3
THPR 400	Management II: Production Management	3
THPR 405	Theatrical Design II: Techniques	3
THPR 411	Technical Crafts VII: Advanced Techniques	3
THPR 412	Artisan Crafts VII: Advanced Techniques	3

THPR 413	Stage Crafts VII: Show Control	3
THPR 421	Technical Crafts VIII: Capstone	3
THPR 422	Artisan Crafts VIII: Capstone	3
THPR 423	Stage Crafts VIII: Capstone	3

Course Substitutions

List of Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
THPR 100	THPR 206
THPR 201	THPR 121
THPR 202	THPR 122
THPR 203	THPR 123
THPR 204	THPR 124

Diploma Exit

Code	Title	Credits
ENGL 102	Analysis and Argument	3
INTA 210	The Arts in Culture	3
THPR 101	Technical Crafts I: Audio and Lighting	3
THPR 102	Artisan Crafts I: Paint, Props and Costume	3
THPR 103	Stage Crafts I: Carpentry, Drafting and Rigging	3
THPR 104	Production I	3
THPR 121	Technical Crafts II: Audio and Lighting	3
THPR 122	Artisan Crafts II: Paint, Props and Costume	3
THPR 123	Stage Crafts II: Carpentry, Drafting and Rigging	3
THPR 124	Production II	3
THPR 205	Theatre History I: Ancient Greece through the Renaissance	3
THPR 206	Theatre History II: The Renaissance to the Modern Era	3
THPR 211	Technical Crafts III: Audio, Lighting and Video/Projection	3
THPR 212	Artisan Crafts III: Paint, Props and Costume	3
THPR 213	Stage Crafts III: Carpentry, Drafting and Welding	3
THPR 214	Production III	3
THPR 221	Technical Crafts IV: Audio, Lighting and Video/Projection	3
THPR 222	Artisan Crafts IV: Paint, Props and Costume	3
THPR 223	Stage Crafts IV: Carpentry, Drafting and Rigging	3
THPR 224	Production IV	3
Total Credits		**60**

Degree Regulations

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and co-requisite requirements for all courses.

Junior- and Senior-Level Courses

Courses numbered from 100 to 199 are considered junior level, and courses numbered from 200 to 499 are considered senior level.

Senior-Level Coursework Requirements

A minimum of 72 credits of the total 120 program credits must be at the senior level. Additional courses at the 100-level will be declared extra to the 120 credits required to complete the degree and will not be counted toward fulfillment of graduation requirements.

English, Option and Elective Requirements

Students must review their major area Program of Study to ensure that they are familiar with the major requirements as well as the English, Options and Electives (and required number of senior-level credits) required for successful completion of their degree. Periodic meetings with an Academic Advisor are strongly recommended.

Residency Requirements

Students must complete 50% of the total credit requirements for the BFA at MacEwan University, as governed by Academic Policy Graduation (https://www.macewan.ca/c/policies/graduation.pdf).

Graduation Grade Point Average

Students must achieve and maintain a minimum Graduation Grade Point Average of 2.00 on the 4.00 scale.

Declaring Your Major

Applicants must declare their major when applying to the BFA. A second-choice option may also be declared at that time.

Changing from one Major to another BFA Major

Students who wish to change their major area of study must reapply to the BFA before the next published application deadline and indicate the new major to which they are applying. In order to be considered for a different major, applicants must be able to fulfill the other admission requirements for that major. See the Admission Criteria for more information on specific requirements for each major.

Work Integrated Learning

Work Integrated Learning opportunities are threaded throughout the Bachelor of Fine Arts program and provide students with important skills, creative industry knowledge and practical experience to succeed in their chosen field of study. To learn more about Work Integrated Learning opportunities for a particular major, please see the Program of Study.

Students completing their field placement courses in the Arts and Cultural Management major must comply with the Academic Policy Work Integrated Learning (https://www.macewan.ca/c/policies/work_integrated_learning.pdf). The University will facilitate the assignment of students in work placements; however, students must take responsibility for securing an acceptable placement and must work collaboratively with a university supervisor before and during their placement. Students are required to comply with any employer policies, including, but not limited to: confidentiality, hours of work, intellectual property rights and privacy protection.

Diploma Requirements

Students are eligible for a diploma after the completion of 60 credits as specified by the Program of Study in each major. In the Arts and Cultural Management major, that declaration must occur by the add/drop date at the beginning of their second year of study in order for arrangements to be made for the student to complete their required field placement. Failure to declare this intention will result in a delay in obtaining the diploma.

In the three other majors, declaration must occur by the graduation deadline of the year in which they wish to exit with a diploma.

Learning Outcomes

Bachelor of Fine Arts Learning Outcomes

1. Use creative methodologies and scholarly research in professional practice.
2. Advocate for the arts in a variety of communities.
3. Collaborate with artists and scholars toward the fulfillment of a vision, goal, initiative, or project.
4. Analyze scholarly works in arts and culture.
5. Engage communities through art with respect for cultural and social differences.
6. Communicate effectively and respectfully through a variety of media and in a range of contexts.
7. Employ ethical and sustainable strategies to support a career in the arts.
8. Respond to the ongoing demands of a professional arts practice through continual learning.

Theatre Production Major Learning Outcomes

1. Employ industry-standard and innovative methods, materials, and tools in production crafts: scenic construction and painting, costuming, props, rigging, video, audio, and lighting.
2. Adapt processes and find creative solutions to production problems.
3. Work independently and collaboratively as a member of a creative production team.
4. Critically evaluate building processes and the technical and functional qualities of performance elements.
5. Integrate historical and contemporary references in practice.
6. Impart ideas, information, and directions orally and through written communication.
7. Research, manage, and execute complex projects in theatre production.

Admission Requirements

Applicants must be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

- ELA 30-1 or 75% in ELA 30-2
- Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine or more post-secondary-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university level English with no grade less than C-

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with a diploma or 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. from a recognized institution:

- A diploma (minimum of 60 credits)

OR

- A minimum of 24 university-level credits

Additional Admission Criteria

To be evaluated through the Program

Studio Arts

Applicants are required to submit a portfolio and a statement of intent to be assessed by a committee of Studio Arts faculty.

Successful applicants will demonstrate in their portfolio:

- Formal skills: aesthetic sensibility, basic understanding of composition, colour, tone, perspective;
- Technical abilities: an interest in working with a variety of mediums and subjects, demonstrating skill, craftsmanship, diversity; and
- Demonstrates experimentation and conceptual engagement

Successful applicants will demonstrate in their statement of intent:

- The ability to express ideas well in writing;
- How this MacEwan University program is aligned with their interests and goals; and
- An interest in learning about the theories and practice of historical and contemporary art.

Music Theatre Performance

Applicants are required to audition and submit a cover letter and resume.

An audition panel will assess:

- Acting abilities (objectives, actions, creative risk-taking);
- Singing abilities (breath, phonation, resonance, range, articulation); and
- Dancing/movement abilities (physicality, gesture, alignment).

The cover letter will include:

- How this MacEwan University program is aligned with the applicant's interests and goals.

The resume should include:

- Previous training;
- Previous performing experience; and
- Special skills (e.g. languages, gymnastics, juggling, etc.)

Theatre Production

Applicants are required to submit a brief statement of intent outlining:

- Why they are interested in the program;
- The career that they are seeking through the completion of the program; and
- A description of the last theatre production they attended.

Applicants offered admission to the Theatre Production major are required to submit current, valid standard first aid certification (including Level C CPR) by the published document deadline.

Applied Degree Programs

- Human Service Administration - Bachelor of Applied Human Service Administration (p. 556)

Human Service Administration - Bachelor of Applied Human Service Administration

Overview

Faculty of Health and Community Studies
Department of Human Services and Early Learning
MacEwan.ca/HSA (https://MacEwan.ca/HSA/)

Bachelor of Applied Human Service Administration (BAHSA) is a distance-delivered program designed for individuals working in the health or human service field who hold, or strive to hold, supervisory or management positions. Distance study makes the program accessible to students regardless of geographic location and provides the flexibility to balance studies with professional and family responsibilities. Students access their course material and readings online and become part of a virtual community of learners. Faculty guide student learning through online class discussions and activities.

The curriculum includes theory in administration, with an emphasis on leadership, supervision and management. Studies include human, financial, and physical resource management; managing change; communication; community-based practice; research practices; and trend and issue analysis. Assignments are practical in nature and generally involve the application of theory to the student's workplace. Building on a previous diploma or degree, the program consists of ten 3-credit theory courses and two 15-credit directed field studies. Students may complete the directed field studies in their current workplace or in an appropriate agency. Study may be full or part-time. Students have six years to complete the program; however, it may be completed in as little as three years.

Career Potential

BAHSA graduates are employed in managerial roles in a wide variety of agencies including early learning, child and youth care, community living, human ecology, addictions, corrections, social work, rehabilitation, non-profit/voluntary sector, health care, gerontology and related fields. BAHSA graduates have the knowledge, management skills and confidence to manage a dynamic staff of practitioners, work with boards, be an effective human service leader, and still serve the clients and families at the heart of their organization.

Contact Information

T: 780-497-5229
Toll-free: 1-888-497-4622 ext. 5229
E: hsa@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 7-154, 10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-5157

Program Requirements

Code	Title	Credits
Year 3		
HSAD 300	The Human Service Administrator	3
HSAD 305	Interpersonal Communication Skills for Human Service Administrators	3
HSAD 310	Managing Human Resources	3
HSAD 315	Managing Financial Resources in Human Service Agencies	3
HSAD 325	Research Practices in Human Service	3
HSAD 330	Managing Physical Resources in Human Service Agencies	3
HSAD 335	Managing Change in Human Service Agencies	3
HSAD 345	Community-Based Practice in Human Service Agencies	3
HSAD 350	Trends and Issues in Human Service Administration	3
Elective		3
Year 4		
HSAD 459	Directed Field Study in Human Service Administration I	15
HSAD 499	Directed Field Study in Human Service Administration II	15
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Learners admitted to this program are presumed to be capable of fulfilling the academic requirements of their program with, if applicable, provision of reasonable accommodation for an Accessibility Need. The University will not lower its academic standards, or alter the essential skills or competencies required by a position, to accommodate an Accessibility Need. (Human Rights and Accessibility policy and Students with Disabilities Procedure).

Admission Requirements

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have:

- a two-year diploma that includes a three-credit post-secondary English course

OR

- a minimum of 60 credits from a recognized post-secondary institution with an Admission Grade Point Average (AGPA) of 2.0 or better on a 4.0 scale that includes a three-credit post-secondary English course.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's Academic Calendar or online at MacEwan.ca/ELP (https://MacEwan.ca/ELP/).

Certificate & Diploma Programs

- Accounting and Strategic Measurement (p. 557)
- Acupuncture (p. 559)
- Administrative - Office Assistant Certificate (p. 562)
- Arts and Cultural Management Diploma (p. 564)
- Asia Pacific Management (p. 567)
- Aviation Management - Business Management Diploma (p. 569)
- Bridge to Canadian Nursing (p. 571)
- Business Management Certificate (p. 573)
- Business Management Diploma (p. 574)
- Child and Youth Care (p. 577)
- Correctional Services (p. 578)
- Early Learning and Child Care (p. 580)
- Educational Assistant (p. 581)
- Emergency Communications and Response Certificate (p. 583)
- Hearing Aid Practitioner (p. 585)
- Human Resources Management Certificate and Diploma (p. 587)
- Insurance and Risk Management - Business Management Diploma (p. 589)
- Investigative Studies - Police and Investigations (p. 591)
- Legal - Office Assistant Certificate (p. 594)
- Library and Information Technology Diploma (p. 595)
- Massage Therapy (p. 597)
- Medical - Office Assistant Certificate (p. 600)
- Music Theatre Performance (p. 601)
- Paralegal Studies Diploma (p. 603)
- Physical Therapist Assistant / Occupational Therapist Assistant Diploma (p. 605)
- Police Studies - Police and Investigations Diploma (p. 608)
- Psychiatric Nursing Diploma (p. 610)
- Public Relations Diploma (p. 614)
- Social Work Diploma (p. 615)
- Speech Language Pathologist Assistant Diploma (p. 619)
- Studio Arts (p. 622)
- Theatre Production Diploma (p. 624)
- Travel and Tourism (p. 626)

Accounting and Strategic Measurement

Overview

School of Business
MacEwan.ca/Accounting (http://%E2%80%8BMacEwan.ca/Accounting/)

Success in today's business world depends on sound decisions based on timely, accurate and well-directed financial information. Successful accounting students have good analytical skills, are able to work in a team environment and are self-motivated. In addition, they need effective oral and written communication skills for success.

The Accounting and Strategic Measurement diploma provides a comprehensive overview of accounting procedures and principles. Students in the program learn about management, cost and financial accounting, finance, taxation, computer applications and management skills, providing them with intermediate level accounting knowledge.

Career Potential

Graduates of the diploma apply their training and skills as accountants in private business, public accounting firms, financial institutions, government, hospitals, industry and consulting firms. Common starting positions include analysts, junior accountants, payroll accountants, financial accountants, cost accountants, assistant controllers and accounting technicians. The experience and learning acquired through the integration of technology gives graduates unequalled leverage in the job market.

Contact Information

T: 780-497-5162
E: Business@Macewan.ca (business@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Complete 60 credits (20 courses) from this list:

Code	Title	Credits
ACCT 101	Financial Accounting I	3
ACCT 201	Financial Accounting II	3
ACCT 207	Accounting Software	3
ACCT 228	Income Tax Software	3
ACCT 315	Intermediate Financial Accounting I	3
ACCT 316	Intermediate Financial Accounting II	3
ACCT 322	Managerial Information and Control Systems	3
ACCT 324	Intermediate Management Accounting	3
ACCT 330	Introduction to Data Analytics in Accounting	3
BUSN 201	Introduction to Sustainable Business	3
ECON 101	Introduction to Microeconomics	3
FNCE 301	Introductory Finance	3
LEGL 210	Business Law I	3
MGTS 103	Introduction to Business Statistics	3
MGTS 113	Introduction to Quantitative Decision-Making	3
PROW 210	Advanced Business Writing	3
WRIT 101	First Year Writing	3
or ENGL 102	Analysis and Argument	
Open Electives: Choose 9 credits (three courses) from any subject		9
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
ACCT 101	3	ACCT 201	3
BUSN 201	3	ACCT 207	3
ECON 101	3	ACCT 228	3
ENGL 102 or WRIT 101	3	PROW 210	3
MGTS 103	3	MGTS 113	3
	15		**15**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
ACCT 315	3	ACCT 316	3
ACCT 322	3	ACCT 324	3
FNCE 301	3	ACCT 330	3
LEGL 210	3	Open Elective: Choose any subject	3
Open Elective: Choose any subject	3	Open Elective: Choose any subject	3
	15		**15**
Total Credits 60			

Admissions Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three Subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least five credits (e.g.: two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Acupuncture

Overview

Faculty of Health and Community Studies
Department of Allied Health and Human Performance
MacEwan.ca/Acupuncture (http://%E2%80%8BMacEwan.ca/Acupuncture/)

Acupuncture, a traditional healing modality widely used in China, has established itself as a well-respected, regulated health profession in Alberta and other provinces in Canada. The fundamental theories of acupuncture are rooted in holistic ideas that developed over the course of approximately 2500 years in China. Acupuncture promotes health, and is used to treat acute and chronic illness, mainly through the insertion of filiform needles to establish a healthy balance of the individual's energy and body functions.

The Acupuncture program prepares you to become a professional acupuncturist, subject to successful completion of the national and provincial registration examinations. Students receive the instruction needed to practice acupuncture competently based on the most recent national standards.

Career Potential

- Work in a multi-disciplinary clinic with other allied health professionals such as physiotherapists, chiropractors, massage therapists, and medical doctors.
- Work as an associate with another registered acupuncturist.
- Establish private practice as an independent professional.
- Establish a clinic and employ other allied health professionals.

Contact Information

T: 780-497-5221
E: acupuncture@macewan.ca
Teaching Clinic Receptionist
T: 780-497-4610

PROGRAM OFFICE
Robbins Health Learning Centre
Room 9-302, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4610

All the courses of the program directly related to Acupuncture and/or Traditional Chinese Medicine (TCM) are taught by registered

acupuncturists. Basic bio-medical sciences are taught by professionals and experts in the related fields.

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
ACUP 101	Meridian Systems and Acupuncture Points I [1]	3
ACUP 103	Meridian Systems and Acupuncture Points II [1]	3
ACUP 104	Diagnostics in Traditional Chinese Medicine [1]	3
ACUP 106	Medical Terminology [1]	1
ACUP 108	Clinical Observation I [1]	1
ACUP 114	Introduction to Research Methodology [1]	2
ACUP 116	Traditional Chinese Medicine Diagnostics Lab [1]	1
ACUP 119	Foundations of Traditional Chinese Medicine II [1]	3
ACUP 124	Introduction to Medical Microbiology [1]	3
ACUP 127	Foundations of Chinese Medicine I [1]	3
HLSC 104	Applied Human Anatomy [2]	3
MTST 125	Physiology I [2]	3
MTST 126	Physiology II [2]	3
University-level English (includes WRIT 101)		3
Year 2		
ACUP 110	Meridian Systems and Acupuncture Points III [1]	3
ACUP 112	Traditional Chinese Medicine Internal Therapeutics I [1]	2
ACUP 113	Clinical Observation and Practice I [1]	1
ACUP 200	Acupuncture Safety and Traditional Chinese Medicine Modalities I [1]	3
ACUP 201	Extra Meridians & Microsystems [1]	2
ACUP 203	Therapeutic Principles of Acupuncture, Point Selection and Combination [1]	2
ACUP 204	Traditional Chinese Medicine Internal Therapeutics II [1]	3
ACUP 208	Clinical Observation and Practice II [1]	2
ACUP 209	Internal Medicine [1]	3
ACUP 210	Traditional Chinese Medicine Modalities II [1]	3
ACUP 215	Internship I [1]	1
ACUP 218	Professional Ethics and Acupuncture Regulations [1]	1
ACUP 222	Qi Gong and Tui na [1]	3
ACUP 312	Herbology for Acupuncturists [1]	2
HLST 150	Pathophysiology [2]	3
Year 3		
ACUP 111	Diagnostics in Traditional Chinese Medicine II [1]	3
ACUP 206	Traditional Chinese Medicine Nutrition, Lifestyle and Zhong Yao [1]	3
ACUP 211	Traditional Chinese Medicine Internal Therapeutics III [1]	3
ACUP 213	Traditional Chinese Medicine External Therapeutics I [1]	3
ACUP 216	Traditional Chinese Medicine External Therapeutics II [1]	2
ACUP 220	Internship II [1]	2
ACUP 221	Traditional Chinese Medicine Internal Therapeutics IV [1]	3
ACUP 303	Internship III [1]	2
ACUP 304	Internship IV [1]	2
ACUP 305	Practice Management and Professional Entry Requirements [1]	3
ACUP 314	Clinical Case Studies in Chinese Medicine [1]	3
ACUP 320	Pharmacological Therapy [1]	3
Total Credits		**101**

1

The minimum grade required for this course is a C.

2

The minimum grade required for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Police Information Check

A student must meet the specific Police Information Check (PIC) requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program requirements as they may be denied required clinical placement and, therefore, be unable to meet graduation requirements.

Immunization

Current immunization against specified communicable diseases is required as a prerequisite for clinical experience and thus for continued enrolment in the program. Students must meet the specific immunization requirements by the end of the second term. Documentation of these requirements must be provided to the program by the end of the second term. Failure to meet the specified immunization requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program.

CPR - Basic Life Support for Health Care Provider (C) or Equivalent

Students must meet the specific CPR requirements by the start of the fourth term. The certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). Documentation of these requirements must be provided to the program by the start of the fourth term. Failure to meet the specified CPR requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program.

First Aid - Basic Standard

Students must meet the specific First Aid requirements by the start of the fourth term. Documentation of these requirements must be provided to the program by the start of the fourth term. Failure to meet the specified First Aid requirements may result in a student being denied an approved

clinical experience and/or they may be required to withdraw from the program.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1					
Term 1	**Credits**	**Term 2**	**Credits**	**Term 3**	**Credits**
ACUP 106[1]	1	ACUP 101[1]	3	ACUP 103[1]	3
ACUP 127[1]	3	ACUP 104[1]	3	ACUP 108[1]	1
HLSC 104[2]	3	ACUP 114[1]	2	ACUP 116[1]	1
MTST 125[2]	3	ACUP 119[1]	3	ACUP 124[1]	3
University-level English (includes WRIT 101)	3	MTST 126[2]	3		
	13		**14**		**8**
Year 2					
Term 1	**Credits**	**Term 2**	**Credits**	**Term 3**	**Credits**
ACUP 110[1]	3	ACUP 201[1]	2	ACUP 209[1]	3
ACUP 112[1]	2	ACUP 204[1]	3	ACUP 215[1]	1
ACUP 113[1]	1	ACUP 208[1]	2	ACUP 218[1]	1
ACUP 200[1]	3	ACUP 210[1]	3	ACUP 312[1]	2
ACUP 203[1]	2	ACUP 222[1]	3		
HLST 150[2]	3				
	14		**13**		**7**
Year 3					
Term 1	**Credits**	**Term 2**	**Credits**	**Term 3**	**Credits**
ACUP 206[1]	3	ACUP 111[1]	3	ACUP 216[1]	2
ACUP 211[1]	3	ACUP 213[1]	3	ACUP 304[1]	2
ACUP 220[1]	2	ACUP 303[1]	2	ACUP 305[1]	3
ACUP 221[1]	3	ACUP 320[1]	3		
ACUP 314[1]	3				
	14		**11**		**7**

Total Credits 101

1

The minimum grade required for this course is a C.

2

The minimum grade required for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One of Biology 30, Chemistry 30 or Science 30
3. One subject from Group C
4. Two subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One of Biology 30, Chemistry 30 or Science 30
3. One subject from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following from a recognized institution:

- A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required science course(s) listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Administrative - Office Assistant Certificate

Overview

The administrative major provides students with a wide range of skills covering all aspects of the office environment, from word processing and accounting to office procedures and customer service. Technology is an integral part of this program — students are trained with the latest software programs as they learn how to process and manage information efficiently.

Career Potential

Students can expect to work as office assistants, receptionists, administrative assistants, executive assistants, personal assistants in private companies, business and government offices, and non-profit associations. This program prepares graduates to work in many diverse areas and there are excellent career opportunities.

Office Assistant Certificate

School of Continuing Education
MacEwan.ca/OfficeAssist (http://MacEwan.ca/OfficeAssist/)

Today's office assistants have strong technical skills to support other staff in a digital office. In addition, office assistants are involved in managing the organizational affairs of their areas that include handling public enquiries, managing computer and paper files, organizing schedules, arranging meetings of senior staff, as well as providing strong customer service and problem-solving skills.

The Office Assistant program is ideal as a foundation for other careers or as a complement to prior training and experience. It runs for 12 months, ending with a field placement. It is a comprehensive program that offers

students the opportunity to specialize in one of the following three majors:

- Administrative
- Legal
- Medical

The program is well suited for individuals with strong organizational skills, familiarity with computers and software, a professional manner, and excellent verbal and written communication skills. Graduates are often required to work independently and in a team environment, so students who are positive and self-motivated do exceptionally well. The program has built a solid reputation with employers, resulting in a high job placement rate.

Contact Information

T: 780-497-4400
E: office@macewan.ca

Program Requirements

Code	Title	Credits
Core Courses:		
OADM 110	Office Procedures	3
OADM 114	Office Technology I	3
OADM 115	Business Communication I	3
OADM 116	Business Math	3
OADM 117	Bookkeeping & Accounting	3
OADM 125	Business Communication II	3
OADM 128	Office Technology II	3
OADM 131	Office Assistant Field Placement [1]	3
OADM 135	Business Communication III	3
WRIT 101	First Year Writing	3
Required Courses for Administrative Major:		
OAAS 116	Customer Service I	3
OAAS 122	Human Resource Basics	3
OAAS 124	Customer Service II	3
OAAS 133	Advanced Office Documents	3
OAAS 134	Office Technology III	3
Total Credits		**45**

1

Students can register for the field placement (OADM 131) in their final term of study.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Two subjects from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses.
1. ELA 30-1 or 30-2 with a minimum grade of 60% or equivalent
or
2. Three credits of University Level English, with a minimum grade of C-

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core course listed under the mature category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Arts and Cultural Management Diploma

Overview

Faculty of Fine Arts and Communications
MacEwan.ca/ArtsManagement (http://MacEwan.ca/ArtsManagement/)

Please note: This program is no longer accepting applications. Please see the Bachelor of Fine Arts, Arts and Cultural Management major, for information on the new degree and diploma exit options.

MacEwan University's innovative and dynamic two-year 60-credit diploma in Arts and Cultural Management will prepare you for a career in arts management. Whether you are a practicing artist looking for the skill set to manage your own career or someone who loves supporting the creation and development of arts and culture in your community, this diploma will prepare you to take on administrative and management roles in the creative and cultural sectors. Building on the success of almost 40 years of arts management training at MacEwan University, you will leave the program with the skills you need to begin an exciting career in arts and cultural management.

Through the program, you develop close ties to the arts and cultural community, and emerge from your studies ready to assist organizations in the areas of fund/resource and audience development, publicity and media relations, human resource management, special event planning, project management, and much more.

After completing the academic portion of the program, you will practice what you have learned in an exciting two-month field placement with an organization of your choice. This practical experience comprises six credits in the credential and is a key factor for your successful transition into paid employment in the sector.

A variety of international educational opportunities are available to students throughout their course of study, including cultural study tours and international exchange opportunities.

If you have other post-secondary education and want to start working sooner, you may choose to exit the program with a certificate after one year of study. The program is available through classroom study or online, full-time or part-time.

Career Potential

Graduates can be found working across Canada in a wide variety of arts organizations, large and small; as fundraisers and fund development officers for arts organizations, managers of professional theatres; volunteer or marketing coordinators, special event coordinators, publicists, artist managers, and festival directors; or as public programming managers in museums and art galleries. Many graduates transition into starting their own businesses or managing their own artistic practice.

Transferability

Internal Opportunities

MacEwan University is committed to providing bridging and laddering opportunities to its certificate and diploma graduates. Graduates of this

diploma may be granted credit towards various MacEwan University diploma and degree programs:

- Bachelor of Arts up to 33 credits
- Bachelor of Commerce up to 42 credits
- Bachelor of Communication Studies up to 51 credits

Students are advised to consult an advisor for specific admission requirements.

External Opportunities

All courses completed for the Arts and Cultural Management diploma are credit courses that may be transferable individually toward further study at other Alberta institutions.

Students presenting a completed diploma in this program may be eligible for a block transfer to other Alberta institutions. University of Alberta students in the Bachelor of Arts in Drama program may complete 18 credits of coursework in this program at MacEwan University and transfer the credit towards a minor in Arts Management at the University of Alberta. For current, detailed information on individual course and diploma transferability, refer to the Learner Pathways System at www.transferalberta.ca (http://transferalberta.alberta.ca/) or contact the receiving institution directly.

Technology Integration

Classroom students in the Arts and Cultural Management program are required to purchase a laptop and the necessary software identified by the program. This initiative is designed to maximize student learning through the integration of their coursework and the software used in the field.

For more information, attend a program information session (dates are listed on the program website) at MacEwan.ca/ArtsManagement (http://MacEwan.ca/ArtsManagement/)), become a student for a day or contact an advisor at the email address below.

Contact Information

artsmanagement@macewan.ca

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Required Courses		
AGAD 100	Foundations of Arts and Cultural Management	3
AGAD 105	Accounting in Arts and Cultural Management	3
AGAD 107	Computer Applications in Arts and Cultural Management	3
or MGTS 107	Business Computing	
AGAD 112	Introduction to Audience and Resource Development	3
AGAD 120	Managing and Leading in Arts and Culture	3
or AGAD 320	Leadership Seminar	
AGAD 122	Applied Audience and Resource Development	3
AGAD 123	Human Resources in Arts and Cultural Management	3
AGAD 203	Introduction to Project Management in Arts and Culture	3
AGAD 223	Applied Project Management in Arts and Culture	3
AGAD 229	Work Integrated Learning Preparation	0
AGAD 232	Advanced Audience and Resource Development	3
AGAD 235	Work Integrated Learning	6
ENGL 102	Analysis and Argument	3
or WRIT 101	First Year Writing	
Choose an ENGL course from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
Options - Choose four courses from the following list:		**12**
AGAD 209	Publicity and Media Relations in the Arts	
AGAD 225	Performing Arts Management	
AGAD 226	Museum and Gallery Management	
AGAD 227	Managing in the Music Industry	
AGAD 230	Independent Study	
AGAD 240	Event Management	
AGAD 250	Fund Development in Arts Management	
AGAD 300	Internal Practicum in Arts Management	
AGAD 301	Cultural Policy and Advocacy	
AGAD 340	Community Cultural Development and Engagement	
Electives		**6**
Total Credits		**60**

Note: Not all option courses are offered every year.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
AGAD 103 and AGAD 127	AGAD 112
AGAD 121 and AGAD 127	AGAD 122
AGAD 129 and AGAD 130	AGAD 120
AGAD 103 and AGAD 127 and AGAD 121	AGAD 232
AGAD 125	AGAD 225
AGAD 126	AGAD 226
AGAD 101 or AGAD 201	AGAD 301
AGAD 109	AGAD 209

Program Regulations

Declaring the Certificate Exit Option

Students who choose the certificate exit option for this program must complete a total of 36 credits – all Year 1 core courses, three English credits, two options, and AGAD 229 Work Integrated Learning Preparation and AGAD 235 Work Integrated Learning per the Program of Study. Students are required to declare their intention for the certificate exit option, in writing, to the Chair by September 15 to ensure an appropriate

field placement can be arranged for the Spring/Summer term (May and June).

Field Placement Term

Students taking either the diploma or certificate exit program must successfully complete all courses for the chosen credential with a minimum GPA of 2.0 in order to register in AGAD 235 Work Integrated Learning.

Program of Study

Students taking the diploma must complete six credits of electives and six credits of English. Arts and Cultural Management program courses may not be used as electives.

Students must also take 12 option credits, with a minimum of 9 of those credits coming from Arts and Cultural Management option offerings. The remaining 3 credits may be taken from courses offered in other programs in the Faculty of Fine Arts and Communications from an approved list and pending availability.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1				
Term 1	**Credits**	**Term 2**	**Credits**	
AGAD 100	3	AGAD 120 or 320	3	
AGAD 105	3	AGAD 122	3	
AGAD 107 or MGTS 107	3	AGAD 123	3	
AGAD 112	3	AGAD Options	6	
ENGL 102 or WRIT 101	3			
	15		**15**	
Year 2				
Term 1	**Credits**	**Term 2**	**Credits**	
AGAD 203	3	AGAD 223	3	
AGAD 229	0	AGAD 235	6	
AGAD 232	3	AGAD Option	3	
Choose an ENGL course from the following:	3	Elective	3	
ENGL 103				
ENGL 104				
ENGL 105				
AGAD Option	3			
Elective	3			
	15		**15**	

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)
  OR
- Six credits of university-level English with no grade less than C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed ELA 30-1 (or equivalent) listed under the Regular or Mature category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants are required to submit a program questionnaire. Successful applicants will demonstrate in their responses:

- knowledge of arts/culture in their community
- research completed regarding the work of arts administrators/managers
- how this MacEwan University program is aligned with their interests and goals

Asia Pacific Management

Overview

School of Business
MacEwan.ca/AsiaPacific (http://%E2%80%8BMacEwan.ca/AsiaPacific/)

International business and cross-cultural skills are fast becoming a requirement in today's global economy. The Asia Pacific region is Canada's second largest trade partner. Success in this region requires employees with international business skills and knowledge of the cultural and business environment in Asia.

The Asia Pacific Management diploma is a two-year, international business program designed to prepare Canadian and international students to launch a career in international business and management. The program of study cultivates the skills and insights required to be successful in domestic and international economies. Students can expect a range of academic business courses, specialized practical coursework in Asian culture, language, intercultural communications and international business principles.

Career Potential

Asia Pacific Management is a demanding program ideal for individuals interested in a career in international business with a focus on the Asia Pacific region. In addition to the usual employment opportunities available to business diploma graduates, graduates may also join an increasing number of Canadian companies and agencies active in international business exchanges, as well as Canadian companies serving an ever-growing number of Asian clients. Graduates can also join the list of successful entrepreneurs with an Asian customer base. The Asia Pacific Management program also makes an excellent post-degree diploma.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (Business@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Complete 60 credits (20 courses) from this list:

Code	Title	Credits
ACCT 311	Introductory Accounting	3
BUSN 201	Introduction to Sustainable Business	3
CHIN 101	Introductory Chinese I	3
or JAPN 101	Introductory Japanese I	
CHIN 102	Introductory Chinese II	3
or JAPN 102	Introductory Japanese II	
ECON 101	Introduction to Microeconomics	3
ECON 102	Introduction to Macroeconomics	3
ENGL 102	Analysis and Argument	3
or WRIT 101	First Year Writing	
FNCE 301	Introductory Finance	3
INTB 300	Introduction to International Business	3
INTB 311	Diversity and Intercultural Communication	3
INTB 320	Regional Perspectives of International Business	3
LEGL 210	Business Law I	3
LEGL 310	Legal Aspects of International Business	3
MARK 301	Fundamentals of Marketing	3
MARK 403	International Marketing	3
or FNCE 404	International Finance	
MGTS 103	Introduction to Business Statistics	3
ORGA 201	Introduction to Management	3
Options: Choose 9 credits (three courses) from this list:		*9*
FNCE 404	International Finance	
HIST 281	Asia Since A.D. 1500	
HIST 282	History of Modern Japan	
INTB 255	Doing Business Internationally - Study Tour	
INTB 310	Global Business and Sustainability	
MARK 403	International Marketing	
POLS 264	Introduction to Global Politics	
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Foreign Language Course Exemption

Students who demonstrate fluency in reading and writing Chinese or Japanese as assessed by a designated faculty member or test at MacEwan University may request an exemption to the requirement of 6 credits of Chinese or Japanese language study. If an exemption is granted, students will select 6 credits of substitute study as approved by the Chair.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
BUSN 201	3	ACCT 311	3
CHIN 101 or JAPN 101	3	CHIN 102 or JAPN 102	3
ECON 101	3	ECON 102	3
ENGL 102 or WRIT 101	3	INTB 300	3
MGTS 103	3	ORGA 201	3
	15		**15**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
FNCE 301	3	FNCE 404 or MARK 403	3
INTB 311	3	LEGL 310	3
INTB 320	3	Option Requirement: Choose 9 credits (3 courses) from this list:	9
LEGL 210	3	HIST 281	
MARK 301	3	HIST 282	
		INTB 255	
		INTB 310	
		FNCE 404	
		MARK 403	
		POLS 264	
	15		**15**
Total Credits 60			

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's full-time calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have been assigned two unsatisfactory academic records within the past five years will not be considered for admission or re-admission to the program until a minimum three years from the date of the assignment of the last unsatisfactory academic record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

Aviation Management - Business Management Diploma

Overview

Enhance your career opportunities in the field of aviation by combining flight training with business courses through MacEwan University's Business Management diploma Aviation Management major.

Students who love to fly and would like a solid business education should consider this program. The program also appeals to people wanting to pursue their own business, manage flight operations or become commercial pilots.

The flight training and ground school component may be completed at any Transport Canada approved training centre. To attain this major, five management courses (15 credits) are replaced with aviation training obtained from the flight school of your choice.

Career Potential

Graduates of this specialized diploma gain employment in a variety of aviation-related careers – both as pilots and airport management personnel. Within Alberta, the oil industry creates significant aviation work, as oilfield workers are increasingly being transported to and from the north by air. Domestic airlines are also expanding. These factors create demand for both pilots and airport management personnel.

Graduates of this diploma are eligible for the Certified in Management designation with the Canadian Institute of Management. Visit www.cim.ca for more information regarding membership and designation.

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 240	Introduction to Business Research	3
ECON 101	Introduction to Microeconomics	3
ENGL 102	Analysis and Argument	3
or WRIT 101	First Year Writing	
FNCE 301	Introductory Finance	3
HRMT 200	Management of Human Resources	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MGTS 103	Introduction to Business Statistics	3
MGTS 107	Business Computing	3
MGTS 113	Introduction to Quantitative Decision-Making	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3
Students must present the following Transport Canada-approved aviation credentials in order to receive 15 credits toward the Business Management diploma		
Private Pilot's License		3
Commercial Pilot's License		6
Instrument Rating		3
One of Multi-Engine Rating or Instructor Rating		3
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
BUSN 201	3	ACCT 311	3
ECON 101	3	BUSN 240	3
ENGL 102 or WRIT 101	3	MARK 301	3
MGTS 113	3	MGTS 103	3
ORGA 201	3	MGTS 107	3
	15		**15**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
HRMT 200	3	Private Pilot License	3
ACCT 322	3	Commercial Pilot License	6
ORGA 316	3	Instrument Rating	3
FNCE 301	3	Multi Engine Rating or Instructor Rating	3
LEGL 210	3		
	15		**15**

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must present a minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale and must have completed the required core courses listed under the Regular or Mature Category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Bridge to Canadian Nursing

Overview

The Bridge to Canadian Nursing transitions students into the realities of Canadian Registered Nurse (RN) Practice. Students explore Canadian Registered Nursing workforce trends and issues and the pertinent knowledge and skills required for successful, competent, safe, ethical nursing care in Canada. Students apply critical thinking, clinical judgment, and relational practice to a variety of classroom, lab, and clinical learning experiences. Communication, interprofessional collaboration, and leadership are further developed to solidify nursing knowledge and understanding to advance confident decision-making in practice.

The Bridge to Canadian Nursing program offers flexible learning options for those who wish to update their currency of practice (re-enter or refresh) and those who require more extensive learning to support their transition to Canadian nursing practice. The program prepares nurses to meet entry-level competencies for Registered Nurse (RN) practice.

Learners who complete the entire 27-credit program will be awarded a certificate. Individual course completion is possible to address more specific areas of desired learning.

Program Requirements

Required Courses

Code	Title	Credits
NURS 380	Foundations in Canadian Nursing [1]	2
NURS 381	Nursing to Support Wellness and Health [1]	5
NURS 382	Applied Professional Nursing Practice [1]	5
NURS 383	Nursing Knowledge Consolidation [1]	2
NURS 384	Clinical Nursing Practice Integration [1]	8
University-level English [2]		3
Two of the following:		2
NURS 304	Specific Study - Home Care Nursing	
NURS 305	Specific Study - Mental Health Disorders	
NURS 306	Specific Study - Nursing Care of the Childbearing Family	
NURS 311	Specific Study - Gerontology	
Total Credits		**27**

1

The pass mark for these courses is a C- or CR (credit received for clinical courses). The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

2

Excluding ENGL 111

Program Regulations

Program Time Limit - Exemption
A student in the Bridge to Canadian Nursing Certificate has four years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (Program Time Limits policy).
Students are strongly encouraged to seek advice from a faculty or university advisor about program planning for completing certificate requirements at MacEwan University.

English Requirement
A three-credit university-level English course at the 100, 200, 300, or 400 level is required as a prerequisite for completing the certificate; completion of ENGL 102 is recommended. ENGL 111, Communications, cannot be used to meet the English course requirement for the Bridge to Canadian Nursing Certificate.

Progression of Studies
Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements noted in program courses. In accordance with the Academic Standing policy, a student who fails to complete a prerequisite course designated as being required for progression in the program (or for program completion) may be required to withdraw from the program.

Professional Conduct
Students must adhere to the current Canadian Nurses Association Code of Ethics, Competencies for the Practice of Registered Nurses (RNs) in Alberta and confidentiality agreements signed with MacEwan University and clinical placement/other agencies.

Regulations Governing Clinical Courses
Students must achieve satisfactory performance in the clinical course in accordance with the course/clinical criteria and outcomes. Clinical course hours may include days, evenings, nights, and weekends. Students are to arrange their own transportation for required program activities, and any costs incurred for meals, travel and accommodation are the student's responsibility. Students are not allowed to arrange their own placements, and placement processes follow program procedures.

Required nursing practice placements will normally be within a 200-kilometre radius of the program site. Rural placements may be available for student placements.

Students cannot attend clinical agencies as MacEwan University nursing students except at times and locations authorized by the clinical course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding clinical and/or nursing practice placements.

Students must have completed all prerequisite courses and all program and agency pre-clinical requirements before any clinical course starts. In accordance with the Work Integrated Learning policy, the University reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases, the Chair, through consultation with the Dean, may assign a grade of F in the clinical course.

Police Information Check
Students are responsible for obtaining a PIC at intervals specified by clinical agencies and for making these available, upon request, to their clinical agency representative. Students may also be required to obtain child welfare checks for some clinical placements. Students must be able to satisfy agency requirements prior to the start of clinical placements. Students whose PIC status changes following program admission must self-report this change in status; this may compromise their ability to complete the program requirements as they may be denied required clinical placements and, therefore, be unable to meet graduation requirements.

Program Standards
Students admitted to this program are presumed to be capable of fulfilling the academic requirements of their program with, if applicable, the provision of reasonable accommodation. The reasonable accommodation of students with disabilities shall not require the University to lower its standards, academic or otherwise, nor shall it relieve a student of the responsibility to develop and demonstrate the essential skills and competencies expected of all students pursuing this program (Students with Disabilities policy).

Students require the requisite skills and abilities necessary for entry to practice as Registered Nurses (RNs) in Alberta, as outlined by the College of Registered Nurses of Alberta (CRNA). All students must meet the physical and mental health attributes that will support success in a registered nursing education program. Students must participate in clinical practice courses requiring the performance of physically and mentally challenging activities that may include cognitive, behavioural, communication, interpersonal, physical, sensory perceptual, and environmental requirements.

Immunization Status
Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Students must meet agency requirements for immunizations prior to the start of all clinical or practice placement courses. Current immunization against specified communicable diseases is required as a prerequisite for practice placements and, thus, for continued enrolment in the program.

N95 Mask
Program students must be fitted for an N95 mask as a prerequisite for clinical experiences and refitted in accordance with health agency requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification
A BLS provider (CPR) card from the Heart and Stroke Foundation is required prior to the start of the clinical placement in the first year of the program. The BLS provider portion (CPR component) must be updated every 12 months throughout the program prior to starting any clinical placement. No grace period is provided.

Agency-Specific Certifications
Program students may be required to complete additional agency-specific certifications as a prerequisite for clinical experiences.

Program Learning Outcomes

Upon completion of the Bridge to Canadian Nursing program, graduates will:

1. Demonstrate professional conduct, practice in accordance with legislation and practice standards as determined by the provincial regulatory body and practice setting, and provide safe, competent, compassionate, ethical nursing care.
2. Utilize current evidence-informed knowledge from nursing and other scientific sources to provide competent nursing care to clients across the lifespan and levels of acuity.
3. Demonstrate competence in professional judgement, thinking and practice-based decision-making by using critical thinking and an ethical/moral framework for registered nurses.
4. Incorporate relational practice within the nursing process: ongoing comprehensive assessment, health care planning, implementation of nursing care and evaluation of client care and care outcomes.
5. Plan, provide, and evaluate appropriate and competent healthcare collaboratively with the client, other healthcare team members and intersectoral partners.
6. Establish therapeutic, caring, and culturally safe relationships with clients, colleagues, students, and healthcare teams.
7. Demonstrate an understanding of concepts of public protection and collaborate with clients and other healthcare team members to promote and maintain the health of individuals and families.
8. Demonstrate an understanding of professional self-regulation by developing and enhancing their own competence to ensure consistent, safe practice and maintenance of fitness to practice.

Admission Requirements

Categories of Admission

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must present one of the following:

1. A recognized nursing credential from an eligible country and meet the College of Registered Nurses of Alberta (CRNA) requirement(s) to participate in the program.

OR

2. Current registration as a Registered Nurse in Canada.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://www.macewan.ca/apply-enrol/admissions/requirements/english-language-proficiency/).

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Program

Applicable to all admission categories

Applicants offered admission are required to submit the following:

A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Business Management Certificate

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
ACCT 311	Introductory Accounting	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 240	Introduction to Business Research	3
ECON 101	Introduction to Microeconomics	3
MARK 301	Fundamentals of Marketing	3
MGTS 103	Introduction to Business Statistics	3
MGTS 107	Business Computing	3
MGTS 113	Introduction to Quantitative Decision-Making	3
ORGA 201	Introduction to Management	3
WRIT 101	First Year Writing	3
or ENGL 102	Analysis and Argument	
Total Credits		**30**

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
BUSN 201	3	ACCT 311	3
ECON 101	3	BUSN 240	3
ENGL 102 or WRIT 101	3	MARK 301	3
MGTS 113	3	MGTS 107	3

ORGA 201	3	MGTS 103	3
	15		**15**

Total Credits 30

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Business Management Diploma

Overview

School of Business
MacEwan.ca/Management (http://macewan.ca/Management/)

The Business Management diploma is a comprehensive general business program that prepares students to take on any business challenge. Using more than traditional books and theory, this program teaches through lectures, individual and group case studies, and real-world examples.

To help develop and demonstrate the potential of our students to become managers, administrators, entrepreneurs, and leaders, we emphasize the integration of soft skills such as professionalism, interpersonal relations, teamwork, and communications with quantitative and strategic decision-making abilities.

Students choose from the following:

- Business Management certificate
- Business Management diploma
- Aviation Management major
- Insurance and Risk Management major

With the exception of Insurance and Risk Management, these programs require that students carry and use a laptop computer for most classes.

MacEwan University recognizes that every student has unique demands on their time, so we offer a range of scheduling choices. The Business Management certificate and diploma are available on a full-time or part-time basis as follows:

- Traditional school year: September through April over two years.
- Flexible route: complete classes over a longer period of time. This option offers courses year round that may be taken on a full- or part-time basis.

Career Potential

The Business Management program appeals to people who want to pursue a career in business and/or management and want a balance of theory and practical experience. The program is ideal for a wide range of

possible careers in business including starting your own business, sales, marketing, hospitality management, and financial services. It is also well suited to those wanting to pursue further post-secondary studies, either immediately upon graduation or at some point in the future.

Graduates of this diploma are eligible for the Certified in Management designation with the Canadian Institute of Management. Visit www.cim.ca for more information regarding membership and designation.

Contact Information:

T: 780-497-5162
E: Business@MacEwan.ca (business@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Complete 60 credits (20 courses) from this list:

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
BUSN 240	Introduction to Business Research	3
ECON 101	Introduction to Microeconomics	3
ENGL 102	Analysis and Argument	3
or WRIT 101	First Year Writing	
FNCE 301	Introductory Finance	3
HRMT 200	Management of Human Resources	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MGTS 103	Introduction to Business Statistics	3
MGTS 107	Business Computing	3
MGTS 113	Introduction to Quantitative Decision-Making	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3
ORGA 330	Managerial Skill Development	3
Open Electives	Choose 9 credits (3 courses) from any subject	9
Business Elective	Choose 3 credits (one course) from ACCT, BUSN, FNCE, HRMT, INSR, INTB, LEGL, MARK, MGTS, MGMT, ORGA, PMGT, SCMT courses	3
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1				
Term 1	**Credits**	**Term 2**	**Credits**	
BUSN 201	3	ACCT 311	3	
ECON 101	3	BUSN 240	3	
ENGL 102 or WRIT 101	3	MARK 301	3	
MGTS 113	3	MGTS 103	3	
ORGA 201	3	MGTS 107	3	
	15			**15**
Year 2				
Term 1	**Credits**	**Term 2**	**Credits**	
HRMT 200	3	ORGA 330	3	
ACCT 322	3	FNCE 301	3	
ORGA 316	3	LEGL 210	3	
Open Elective: Choose any subject	3	Open Elective: Choose any subject	3	

Open Elective: Choose any subject	3	Business Elective	3
	15		**15**

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Child and Youth Care

Diploma Exit Option

You may choose to exit the Bachelor of Child and Youth Care with a diploma after successful completion of the first 60 credits of the degree.

Even if you plan to complete the diploma exit option, you will need to apply to the four-year Bachelor of Child and Youth Care degree program.

Over the two years of study, you complete required courses that develop your knowledge and skills to build relationships with individuals and families, helping them to gain new insights, access supports, and learn strategies for navigating the complexities of their lives. The first two years focus on a variety of topics including human development, professional helping, diversity, family, creative interventions, and mental health. If you choose the diploma exit option, you are fully prepared to move immediately into entry-level, front-line positions in the field.

For further information on admission requirements, program regulations and student plan, refer to the Bachelor of Child and Youth Care (p. 208).

Program Requirements - Diploma Exit

The following program requirements are needed to complete the diploma exit credential. Refer to the Bachelor of Child and Youth Care (p. 208) degree for the Student Plan as this plan identifies the usual course schedule.

Year 1	Credits
CYCW 100	3
CYCW 101	3
CYCW 106	3
CYCW 107	3
CYCW 109	3
CYCW 115	3
CYCW 124	3
CYCW 125	3
CYCW 128	3
University-level English (includes WRIT 101)	3
	30

Year 2	Credits
CYCW 200	3
CYCW 201	3

CYCW 204	3
CYCW 205	3
CYCW 206	3
CYCW 211	3
CYCW 214	3
CYCW 215	3
CYCW 219	3
CYCW 225	3
	30

Total Credits 60

Correctional Services

Overview

Faculty of Health and Community Studies
Department of Public Safety and Justice Studies
MacEwan.ca/Corrections (http://MacEwan.ca/Corrections/)

The Correctional Services diploma prepares graduates to work in a variety of positions in corrections and criminal justice fields including community agencies, correctional institutions, residential settings, restorative justice, and related human service careers. Graduates work with adults and youth in conflict with the law or who are at risk of becoming involved in the criminal justice system. The program provides theoretical knowledge, skill development, and practical experience for the entry-level corrections and criminal justice professional.

The Correctional Services program stresses the dual yet inseparable function of the criminal justice system: protection of the public and providing assistance to offenders to become law-abiding citizens. Students acquire essential skills and knowledge about the criminal justice system as well as professional practice information and expertise.

The first year provides a number of foundation courses concentrating on self-awareness, criminological theory, and knowledge of the criminal justice system. The second year concentrates on skill development such as counselling strategies, case management, risk/needs assessment, documentation, and working with special offender populations. Field placement provides students with practical, first-hand experience in the field of corrections and criminal justice with the expectation that students apply the knowledge and skills discussed in the classroom.

Career Potential

Graduates are employed by both the provincial and federal governments and non-profit agencies. Graduates obtain employment as probation officers, youth workers, behavioural counsellors, correctional officers, case workers, police officers, and other related criminal justice positions. Many graduates eventually move into administrative and managerial positions in corrections and criminal justice agencies. Program graduates establish a network of career contacts through field placement and classroom activities. Graduates apply directly to corrections and/or criminal justice or related agencies and must demonstrate they meet the minimum position requirements. Shift work is often required, and many entry positions recruit through casual or wage employment.

Contact Information

T: 780-497-5221
E: corrections@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 9-407, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4567

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
CORR 102	Foundations of Criminal Law	3
CORR 104	Criminal Justice System	3
CORR 110	Introductory Criminology	3
CORR 112	Correctional Interviewing	3
CORR 118	Introduction to Corrections	3
CORR 120	Restorative Justice	3
INTD 105	Interpersonal Communication	3
INTD 122	Indigenous People and Justice in Canada	3
SOCI 100	Introductory Sociology	3
University-level English (includes WRIT 101)		3
Year 2		
CORR 116	Integration Seminar I	1
CORR 202	Diversity and Justice in Canada	3
CORR 204	Addiction in the Criminal Justice System	3
CORR 208	Selected Issues in Criminal Justice	3
CORR 210	Correctional Methods and Practice	3
CORR 214	Field Placement I	4
CORR 216	Integration Seminar II	1
CORR 218	Youth and Crime	3
CORR 220	Correctional Counselling	3
CORR 224	Field Placement II	4
PSYC 104	Introductory Psychology I	3
or PSYC 105	Introductory Psychology II	
Total Credits		**61**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
CORR 100	INTD 105

Program Regulations

Regulations Governing Field Placement (Work Integrated Learning)

Students must achieve satisfactory performance in all field placement courses in accordance with the course learning outcomes and grading criteria. Field placement hours may include days, evenings and weekends. Students are required to arrange their own transportation for required field placement activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required field placements will generally be within a 150 kilometer radius of the MacEwan University site.

Students cannot attend field placement agencies as a MacEwan University student except at times and locations authorized by the field placement course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding field placements. Students must have completed all prerequisite courses as well as all program and agency specific requirements prior to the start of any field placement course. In accordance with the Work Integrated Learning policy, the University reserves the right, at any point during a field placement, to remove a student from the placement for serious performance issues (i.e., engaging in behaviour that places a client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases and in consultation with the Dean, the student will be assigned a grade of F in the course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw form the program. For further information, refer to the Academic Standing policy.

Police Information Check

A student must meet the specific Police Information Check (PIC) requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Student whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program requirements as they may be denied required field placements and, therefore, be unable to meet graduation requirements.

Students are responsible for obtaining Police Information Checks annually or at intervals specific to their field placement agency and for making these available upon request. Any costs incurred are the responsibility of the student.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
CORR 102	3	CORR 110	3
CORR 104	3	CORR 112	3
INTD 105	3	CORR 118	3
SOCI 100	3	CORR 120	3
University-level English (includes WRIT 101)	3	INTD 122	3
	15		**15**

Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
CORR 116	1	CORR 202	3
CORR 204	3	CORR 208	3
CORR 214	4	CORR 210	3
CORR 218	3	CORR 216	1
CORR 220	3	CORR 224	4
PSYC 104 or 105	3		
	17		**14**

Total Credits 61

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Three subjects from Group A, B, C, or D

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices
- A maximum of two Group B subjects may be presented; they must be from different disciplines
- A maximum of one Group D subject may be presented. Group D subjects use for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group, A, B, C, or D

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Public Safety and Justice Studies at MacEwan University is committed to principles of equity and diversity. The department supports equitable representation of groups underrepresented in public safety and justice professions and has reserved up to 10% of admission spaces in each program as equity admission spaces for applicants who self-identify as Indigenous. The Department used the definition of Aboriginal peoples of Canada in the Constitution Act, 1982, Section 35 (2) as includes Indian, Inuit and Métis peoples of Canada to define Indigenous peoples.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program option to which they apply.

Early Learning and Child Care

Overview

Diploma Exit Option

You may choose to exit the Bachelor of Early Childhood Curriculum Studies with a diploma in Early Learning and Child Care after the successful completion of the first two years of the degree program.

Even if you plan to complete the diploma option, you need to apply to the four-year Bachelor of Early Childhood Curriculum Studies degree.

The Early Learning and Child Care diploma exit program prepares you to be an early childhood educator and care for the youngest citizens in our community. Over two years of study, you learn how to foster children's growing sense of identity and belonging, as active, contributing members of the community. The foundation of professional practice is facilitating early learning through play.

The Early Learning and Child Care exit diploma program prepares you to become knowledgeable, skilled, responsive educators and advocates for young children and their families. Courses focus on child development, curriculum planning, positive child guidance, professional team communications, and working with families. Courses are a unique blend of experiential learning and theoretical knowledge. Course content focuses on children from birth to eight years.

Refer to the Bachelor of Early Childhood Curriculum Studies (p. 164) for further information for program regulations, student plan, and admission requirements.

Program Requirements

Program Requirements - Diploma Exit

The following program requirements are needed to complete the diploma exit credential. Refer to the Bachelor of Childhood Curriculum Studies (p. 164) degree program Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
ECCS 101	Healthy Environments for Early Childhood	3
ECCS 102	Languages of Expression: Well-Being	3
ECCS 110	Child Development I: Current and Emerging Theories	3
ECCS 115	Communication within a Practice of Relationships	3
ECCS 120	Field Placement I: Well Being	3
ECCS 125	Integration Seminar I - Well-Being	1
ECCS 155	Curriculum II: Languages of Play	3
ECCS 160	Child Development II: Growth and Development of Young Children	3
ECCS 170	Field Placement II: Play and Playfulness	3
ECCS 175	Integration Seminar II: Play and Playfulness	1
ECCS 180	Family-Centred Practice	3
University-level English (includes WRIT 101)		3
Year 2		
ECCS 201	Languages of Exploration: Curriculum for Communication and Literacies	3
ECCS 202	Expressions of Citizenship: Curriculum for Diversity and Social Responsibility	3
ECCS 220	Field Placement III: Communication and Literacy	3
ECCS 225	Integration Seminar III: Communication and Literacy	1
ECCS 250	Foundations of Early Childhood	3
ECCS 255	Inclusive Environments and Practice in Early Childhood	3
ECCS 260	Family and Community Issues	3
ECCS 265	Supporting Social and Emotional Well-Being within a Practice of Relationships	3
ECCS 270	Field Placement IV: Diversity and Social Responsibility	3
ECCS 275	Integration Seminar IV: Diversity and Social Responsibility	1
INTD 105	Interpersonal Communication	3
INTD 250	Introduction to Indigenous Perspectives	3
Total Credits		**64**

Educational Assistant

Overview

Faculty of Health and Community Studies
Department of Human Services and Early Learning

MacEwan.ca/ (http://MacEwan.ca/SpecialNeeds/)EducationalAssistant (https://www.macewan.ca/academics/programs/special-needs-educational-assistant/)

The Educational Assistant program prepares graduates to assist teachers in developing and implementing appropriate instructional programs and methods within educational settings. The implementation of inclusive educational policies for students has created a strong demand for trained educational assistants. The certificate provides a solid foundation of theoretical knowledge combined with practical strategies to support classroom instructional, behavioural, and social needs of diverse students.

The Educational assistant program is offered at MacEwan's City Centre Campus. While this program may be completed in its entirety on campus in a face-to-face setting, students may choose to complete some of the courses online. Having courses offered both in-person and online makes the program accessible to students and provides the flexibility to balance studies with professional and family responsibilities. Students enrolled in online courses will learn as part of a virtual community through a combination of self-study and faculty-guided online discussions; they will be able to access their course material and readings online.

Career Potential

Educational assistants are employed as valuable members of learning teams in a variety of educational settings including preschool early intervention programs, kindergarten through grade 12, and post-secondary programs. The demand for program graduates in the field continues to be high.

Contact Information

T: 780-497-5229
Toll free: 1-888-497-4622 ext 5229
E: educationalassistant@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 7-154, 10700 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-5157

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
TAST 101	Child and Adolescent Development	3
TAST 102	Supporting Behaviour	3
TAST 107	Diverse Learners I	3
TAST 112	Supporting Numeracy and Math	3
TAST 113	Supporting Language and Literacy	3
TAST 117	Diverse Learners II	3
TAST 125	Collaborative Team Practice	3
TAST 128	Educational and Assistive Technology	3
TAST 135	Practicum	3
University-level English (includes WRIT 101)		3
Total Credits		**30**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Regulations Governing Work Integrated Learning Activities

Completion of one practicum course is required. Learners must comply with the Work Integrated Learning policy and other applicable policies and regulations of the university and host organization. In accordance with the Work Integrated Learning policy, the university reserves the right to remove a learner from the work integrated learning experience at any point in the experience for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases and in consultation with the Dean, the learner will be assigned a grade of F in the course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw from the program. For further information, refer to the Academic Standing policy.

Host organizations may specify additional prerequisite requirements for work integrated learning experiential activities, for example, a current, clear Police Information Check (PIC), current Intervention Record Check or currency of immunization or first aid certification. Any costs incurred are the responsibility of the student.

Students are required to arrange their own transportation for required field placement activities and any costs incurred for meals, travel, and parking are the student's responsibility.

Students acknowledge that, during scheduled course periods, they are expected to attend practicum during the days/hours as outlined in the program and by the host. Students will be notified of their particular hours prior to the start of the placement. Hours of attendance may vary between host organizations.

Police Information Check

A current, clear Police Information Check (PIC) with Vulnerable Sector is required for practicum placement. This check must be completed no earlier than three months prior to the practicum start date and submitted no later than the document deadline posted by the program (must be received by the program prior to placement). Having a pardon in progress does not meet the admission requirement for a clear Police Information Check.

Students are responsible for obtaining a Police Information Check with Vulnerable Sector and for making these available upon request to both the program and the practicum host.

Students whose PIC status changes or who lack other specified additional requirements compromise their ability to complete the program requirements as they may be denied work integrated learning experiences and, therefore, be unable to meet graduation requirements.

First Aid

First Aid certification may be required by practicum hosts. If so, the student is responsible to obtain and pay for the course/certification.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
TAST 101	3	TAST 102	3
TAST 107	3	TAST 112	3
TAST 125	3	TAST 113	3
TAST 128	3	TAST 117	3
University-level English (includes WRIT 101)	3	TAST 135	3
	15		**15**

Total Credits 30

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Two subjects from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses.

1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B or C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

1. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Emergency Communications and Response Certificate

Overview

Faculty of Health and Community Studies
Department of Public Safety and Justice Studies
MacEwan.ca/Emergency (http://MacEwan.ca/Emergency/)

In the increasingly complex field of emergency telecommunications, there is a need for personnel who have the ability to assess situations quickly and respond in an appropriate manner. Emergency communicators are the critical link between the public and those who provide police, fire, and emergency medical assistance. As the field evolves, the need for highly skilled and knowledgeable professionals is critical. The field demands professionals who are able to multi-task, use high-tech equipment, think critically and quickly in a stressful setting, and respond to the challenges of the field.

The Emergency Communications and Response program develops the broad knowledge and skills required of call evaluators or dispatchers and the unique knowledge and skills in police, fire, and emergency medical environments. The program is a full-time, eight-month certificate.

The program is offered full-time through an on-campus study option; entry into the program occurs each Fall. In the final month of the program, students participate in a short field placement that exposes them to a communication centre(s).

Career Potential

Challenging and rewarding careers as call evaluators or dispatchers can be found in police, fire, or medical communication centres in provincial, federal, or municipal settings. Many opportunities are also available in specialized public or private communication centres dealing with priority service requests.

Contact Information

T: 780-497-5221
E: emergencycommunications@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 9-407, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4567

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
ECRP 131	Call Processing/Radio Communications	3
ECRP 141	Emergency Communications I	3
ECRP 151	Emergency Communications II	3
ECRP 175	Field Placement	3
ECRP 190	Selected Topics in Emergency Communication	3
INTD 105	Interpersonal Communication	3
PSSC 121	Law and the Administration of Justice	3
PSSC 212	Mental Health Foundations in Public Safety	3
PSYC 104	Introductory Psychology I	3
or PSYC 105	Introductory Psychology II	
University-level English (includes WRIT 101)		3
Total Credits		**30**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
PSSC 141	INTD 105

Program Regulations

Academic Residency - Exemption

A student in Emergency Communications and Response must complete at least 30 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 30 per cent.

Regulations Governing Field Placement (Work Integrated Learning)

Students must achieve satisfactory performance in all field placement courses in accordance with the course learning outcomes and grading criteria. Field placement hours may include days, evenings and weekends. Students are required to arrange their own transportation for required field placement activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required field placements will generally be within a 150 kilometer radius of the MacEwan University site.

Students cannot attend field placement agencies as a MacEwan University student except at times and locations authorized by the field placement course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding field placements. Students must have completed all prerequisite courses as well as all program and agency specific requirements prior to the start of any field placement course. In accordance with the Work Integrated Learning policy, the University reserves the right, at any point during a field placement, to remove a student from the placement for serious performance issues (i.e., engaging in behaviour that places a client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases and in consultation with the Dean, the student will be assigned a grade of F in the course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw from the program. For further information, refer to the Academic Standing policy.

Police Information Check

A student must meet the specific Police Information Check (PIC) requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program requirements as they may be denied required field placements and, therefore, be unable to meet graduation requirements.

Students are responsible to obtain updated Police Information Checks as required by the field placement agency and for making these available upon request. Any costs incurred are the responsibility of the student.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
ECRP 131	3	ECRP 151	3
ECRP 141	3	ECRP 175	3
INTD 105	3	ECRP 190	3
PSYC 104 or 105	3	PSSC 121	3
University-level English (includes WRIT 101)	3	PSSC 212	3
	15		**15**

Total Credits 30

Admission Requirements

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have an Alberta high school diploma (or equivalent) or GED diploma.

Applicants must have a minimum overall average of 65% with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. One subject from Group A, B, C, or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://MacEwan.ca/ELPs/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency). The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Public Safety and Justice Studies at MacEwan University is committed to principles of equity and diversity. The department supports equitable representation of groups underrepresented in public safety and justice professions and has reserved up to 10% of admission spaces in each program as equity admission spaces for applicants who self-identify as Aboriginal. Aboriginal peoples of Canada are defined in the Constitution Act, 1982, Section 35 (2) as including the Indian, Inuit and Métis peoples of Canada. In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program option to which they apply.

Hearing Aid Practitioner

Overview

Faculty of Health and Community Studies
Department of Allied Health and Human Performance
MacEwan.ca/HearingAid (http://MacEwan.ca/HearingAid/)

Hearing Aid Practitioners

Hearing aid practitioners evaluate hearing ability; select, fit, and sell hearing aids and assistive listening devices; and provide counseling and support to adult hearing aid and/or assistive device users. They generally work in and/or own hearing aid dispensing businesses, but can also work for hearing aid manufacturing companies.

Hearing aid practitioners are regulated and/or licensed in most provinces in Canada. In order to maintain their professional status, hearing aid practitioners must abide by a code of ethics, demonstrate competence, and participate in ongoing continuing education activities required for professionals in their jurisdiction.

The Hearing Aid Practitioner Program

The program is a 60-credit, distance-delivery diploma with 19 courses required for graduation. Full-time students complete the program in two years, while part-time students may take up to seven years to complete program requirements.

Students are provided with curriculum materials online and purchase textbooks and other learning resources to supplement the online curriculum. Contact with instructors and other students is provided through asynchronous interaction online within classes; individual instructor support is provided upon request.

Students must have Internet access (high-speed access is recommended) because most courses require online interaction with the instructor and other students. Assignments are submitted online, and exams and quizzes are all completed online.

To complete practical assignments in HAPR 102, HAPR 103, HAPR 111, HAPR 203, HAPR 114 courses, students either attend labs at MacEwan University in Edmonton or they must find a local licensed professional and complete and submit the Hearing Aid Practitioner Program Tutor/Field Placement Approval Request Form to the program office for approval prior to the start of each course. Attendance at the university is mandatory for 10 days in the Year II Term V for courses HAPR 204 and HAPR 211 (Winter term) to complete labs in the final hearing testing and hearing aid courses. In Year II Term VI, students must find a local clinic and complete and submit a new Hearing Aid Practitioner Program Tutor/Field Placement Approval Request Form to the program office prior to the start of the course for field placement site approval. Students are required to complete at least 180 hours of supervised hearing aid dispensing work in an approved (by the program) clinic with an approved (by the program) professional.

Career Potential

Trained hearing aid practitioners are in high demand in Canada and internationally.

Contact Information

T: 780-497-5221
Toll-free: 1-888-497-4622 ext. 5221

E: hearingaid@macewan.ca

PROGRAM OFFICE
Robbins Health Learning Centre
Room 9-407, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4567

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
HAPR 101	Bioacoustics of Human Hearing [2]	3
HAPR 102	Hearing Testing I [2]	2
HAPR 103	Hearing Instrument Technology I [1]	4
HAPR 105	Customer Relations and Communications [1]	3
HAPR 110	Hearing Disorders [1]	2
HAPR 111	Hearing Testing II [2]	4
HAPR 114	Professional Practice [1]	4
HAPR 202	Aural Rehabilitation I	3
Elective		3
University-level English (includes WRIT 101)		3
Year 2		
HAPR 104	The Aging Client [1]	3
HAPR 108	Business Management [1]	3
HAPR 112	Professional Responsibilities [1]	3
HAPR 201	Interviewing and Counselling [1]	3
HAPR 203	Hearing Instrument Technology II	4
HAPR 204	Hearing Testing III [1]	2
HAPR 210	Aural Rehabilitation II [1]	3
HAPR 211	Hearing Instrument Technology III [1]	4
HAPR 212	Field Placement [1]	4
Total Credits		**60**

1

The minimum grade required for this course is C

2

The minimum grade required for this course is C+

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
INTD 105	HAPR 105

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1					
Term 1	**Credits**	**Term 2**	**Credits**	**Term 3**	**Credits**
HAPR 101[2]		3 HAPR 105[1]		3 HAPR 114[1]	4
HAPR 102[2]		2 HAPR 110[1]		2	
HAPR 103[1]		4 HAPR 111[2]		4	
University-level English (includes WRIT 101)		3 HAPR 202		3	
		Elective		3	
		12		**15**	**4**
Year 2					
Term 1	**Credits**	**Term 2**	**Credits**	**Term 3**	**Credits**
HAPR 104[1]		3 HAPR 108[1]		3 HAPR 212[1]	4
HAPR 201[1]		3 HAPR 112[1]		3	
HAPR 203		4 HAPR 204[1]		2	
HAPR 210[1]		3 HAPR 211[1]		4	
		13		**12**	**4**

Total Credits 60

1

The minimum grade required for this course is a C.

2

The minimum grade required for this course is a C+.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group C
3. One subject from Group A, B, C or D

Note:

- Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B, C or D

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Human Resources Management Certificate and Diploma

Overview

School of Business
MacEwan.ca/HRManagement (http://MacEwan.ca/HRManagement/)

Human resource (HR) management professionals add value to their organizations by creating solutions to complex issues, such as succession planning, staffing strategies and adjusting to workplace change.

Designed by leading practitioners in the field, this program gives students both the skills and strategic insights necessary for successful

human resources management practice. Students learn about general management theories, organizational behaviour, labour, and employee relations, employee training and development, compensation, staffing, workplace health and safety, employment law, and change management. The program combines case study analysis with exposure to actual human resources projects and challenges.

MacEwan University has made another move to prepare their Human Resources Management graduates for success in their careers. MacEwan University's Human Resources Management program is now accredited with the Chartered Professionals in Human Resources of Alberta (CPHR). Visit the CPHR Alberta Designation page (https://www.cphrab.ca/become-a-CPHR (https://www.cphrab.ca/become-a-CPHR/)) which outlines the process required to achieve the designation, and includes information on how to apply to waive the National Knowledge Exam (NKE).

Career Potential

Graduates of this program work in a variety of organizational settings and in a range of capacities. Typical positions include benefits assistants, human resources advisors, corporate trainers, employee relations coordinators, and recruiters.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (business@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Complete 60 credits (20 courses) from this list:

Code	Title	Credits
ACCT 311	Introductory Accounting	3
BUSN 201	Introduction to Sustainable Business	3
ECON 101	Introduction to Microeconomics	3
ENGL 102	Analysis and Argument	3
or WRIT 101	First Year Writing	
HRMT 200	Management of Human Resources	3
HRMT 212	Employee Relations	3
HRMT 214	Recruitment & Selection	3
HRMT 216	Total Compensation Management	3
MGTS 103	Introduction to Business Statistics	3
MGTS 107	Business Computing	3
MGTS 113	Introduction to Quantitative Decision-Making	3
ORGA 201	Introduction to Management	3
ORGA 316	Contemporary Organizational Behaviour and Theory	3
ORGA 314	Managing Negotiation	3
ORGA 333	Managing Change	3
PROW 210	Advanced Business Writing	3
Options	Choose 6 credits (two courses) from 300-level HRMT courses	6
Open Electives	Choose 6 credits (two courses) from any subject	6
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
ECON 101	3	ACCT 311	3
ENGL 102 or WRIT 101	3	HRMT 212	3
HRMT 200	3	HRMT 214	3
MGTS 113	3	ORGA 316	3
ORGA 201	3	Open Elective	3
	15		**15**

Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
BUSN 201	3	MGTS 103	3
HRMT 216	3	ORGA 333	3
MGTS 107	3	PROW 210	3
ORGA 314	3	Option Requirement: Choose 6 credits (2 courses) from any HRMT course	6
Open Elective	3		
	15		**15**

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Math 30-1 or Math 30-2
3. Three subjects from Group A, B, C or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Math 30-1 or Math 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Insurance and Risk Management - Business Management Diploma

Overview

MacEwan.ca/Insure (http://MacEwan.ca/Insure/)

Can you think through problems and weigh various options? This quality can help you shine in the insurance profession. Learn how to use information to make smart business decisions. Highly trained insurance professionals assess risks and insure clients against unforeseen events: physical, financial, or acts of nature.

The Insurance and Risk Management diploma is suited to students who thrive in a challenging environment. Critical thinking, problem-solving, attention to detail, and customer service skills are all valuable assets.

While this program is offered in the traditional two-year format, students may choose to accelerate their studies by planning to take classes in the spring and summer terms between Year 1 and 2. Visit with the School of Business academic advisors to learn more about this choice.

Offered in co-operation with the Insurance Institute of Canada and the Insurance Institute of Northern Alberta, this major prepares students for the Institute's Chartered Insurance Professional (CIP) designation. Topics covered include general business courses such as accounting, business law, sales, and marketing combined with insurance industry-specific courses such as property insurance, liability insurance, loss adjusting, underwriting, and risk management.

Career Potential

The insurance industry is a vital part of the financial/ business community across Canada. It offers excellent career opportunities as claims adjusters, commercial and personal lines underwriters, account executives, brokers, agents, customer service representatives, risk management professionals, marketing representatives, and office or department managers.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (business@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Complete 60 credits (20 courses) from this list:

Code	Title	Credits
ACCT 311	Introductory Accounting	3
ACCT 322	Managerial Information and Control Systems	3
BUSN 201	Introduction to Sustainable Business	3
ECON 101	Introduction to Microeconomics	3
ENGL 102	Analysis and Argument	3
or WRIT 101	First Year Writing	
INSR 101	Insurance Principles and Practices	3
INSR 202	Property Insurance	3
INSR 203	Automobile Insurance	3
INSR 204	Liability Insurance	3
INSR 210	Essential Skills for the Insurance Broker and Agent	3
INSR 211	Essentials of Loss Adjusting	3
INSR 212	Underwriting Essentials	3
LEGL 210	Business Law I	3
MARK 301	Fundamentals of Marketing	3
MGTS 107	Business Computing	3
MGTS 113	Introduction to Quantitative Decision-Making	3
MGMT 231	Personal Selling	3
ORGA 201	Introduction to Management	3
PROW 210	Advanced Business Writing	3
SCMT 200	Introduction to Global Supply Chain Management	3
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Student Plan

Suggested Course Sequencing

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
BUSN 201	3	INSR 202	3
ECON 101	3	INSR 211	3
INSR 101	3	MGTS 107	3
INSR 203	3	MGTS 113	3
WRIT 101 or ENGL 102	3	ORGA 201	3
	15		**15**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
ACCT 311	3	ACCT 322	3
INSR 204	3	LEGL 210	3
INSR 210	3	MARK 301	3
INSR 212	3	PROW 210	3
MGMT 231	3	SCMT 200	3
	15		**15**
Total Credits 60			

Admission Requirements

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

- ELA 30-1 or ELA 30-2
- Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed one of the following with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale from a recognized institution:

• A business credential (minimum 30 credits).

OR

• A minimum of 24 university-level credits and must have completed the English and Math requirements listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Investigative Studies - Police and Investigations

Overview

To respond to society's increasing concern for security, the demand for educated personnel in both the public and private sectors of protective services continues to rise. To meet the emerging challenges and responsibilities of this growing profession, the two-year diploma emphasizes the knowledge and skills necessary to conduct investigations and develop and implement comprehensive security programs.

Evidence of the growth in this profession is often visible. However, there also exists a less visible side of private investigations and security that includes a diverse group of specialists who engage in investigative work for banks, retail outlets, corporations and government. As the roles continue to expand and become increasingly complex, individuals must be well-grounded in the law and investigative techniques and develop a broad understanding of the field.

The diploma consists of 61 credits, completed over two years, with intake each Fall.

Admission to the program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum.

Career Potential

Investigative Studies provides a foundation for individuals seeking positions as investigators, security practitioners and management professionals. Investigators and security practitioners are found within a broad cross-section of public and private institutions and organizations. Some examples include investigators within federal, provincial, and municipal government departments; sheriff departments; security consulting agencies; and private investigation agencies. Other related career options include emergency planner, customs and immigration officer, border services officer, insurance investigator, public security peace officer, municipal bylaw enforcement officer, animal control officer, special constables, gaming and liquor inspectors, hospital security

officers, maintenance enforcement officers, peace officers and transit security officers.

Police and Investigations Diploma

Faculty of Health and Community Studies
Department of Public Safety and Justice Studies
MacEwan.ca/Investigations (http://MacEwan.ca/Investigations/) (http://MacEwan.ca/Investigations/)MacEwan.ca/Police (http://MacEwan.ca/Police/)

Investigate which of the two-year diplomas offered through the Police and Investigations program prepares you for the career of your choice: Investigative Studies or Police Studies.

Contact Information

T: 780-497-5221
E: investigativestudies@macewan.ca (investigations@macewan.ca)
E: police@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 9-407, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4567

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
INTD 105	Interpersonal Communication	3
PSSC 121	Law and the Administration of Justice	3
PSSC 130	Public Safety Reporting and Communications	3
PSSC 132	Investigative Law	3
PSSC 133	Legal Evidence in Investigations	3
PSSC 153	Security and Risk Management	3
PSSC 252	Investigations I	3
PSYC 104	Introductory Psychology I	3
or PSYC 105	Introductory Psychology II	
SOCI 100	Introductory Sociology [1]	3
University-level English (includes WRIT 101)		3
Year 2		
PSSC 222	Mental Health and Resiliency in Public Safety	3
PSSC 245	Leadership, Ethics and Professionalism	3
PSSC 250	Multiculturalism and Diversity in Public Safety	3
PSSC 255	Investigative Interviewing	3
PSSC 259	Surveillance and Society	3
PSSC 261	Selected Topics in Investigations	3
PSSC 265	Cybersecurity and Digital Investigations	3
PSSC 275	Field Placement	4
PSSC 293	Emergency Management	3
SOCI 225	Criminology [1]	3
Total Credits		**61**

1

The minimum grade required for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
PSSC 141	INTD 105

Program Regulations

Academic Residency - Exemption

A student in Police and Investigations (Police Studies or Investigative Studies) must complete at least 30 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 30 per cent.

Regulations Governing Field Placement (Work Integrated Learning)

Students must achieve satisfactory performance in all field placement courses in accordance with the course learning outcomes and grading criteria. Field placement hours may include days, evenings and weekends. Students are required to arrange their own transportation for required field placement activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required field placements will generally be within a 150 kilometer radius of the MacEwan University site.

Students cannot attend field placement agencies as a MacEwan University student except at times and locations authorized by the field placement course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding field placements. Students must have completed all prerequisite courses as well as all program and agency specific requirements prior to the start of any field placement course. In accordance with the Work Integrated Learning policy, the University reserves the right, at any point during a field placement, to remove a student from the placement for serious performance issues (i.e., engaging in behaviour that places a client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases, and in consultation with the Dean, the student will be assigned a grade of F in the course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw form the program. For further information, refer to the Academic Standing policy.

Police Information Check

Students must meet the specific Police Information Check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students are responsible for obtaining a PIC annually and submitting these to the program prior to September 1 for the duration of the program or as requested by their field placement agency and for making these available upon request. Any costs incurred are the responsibility of the student.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program and/or they may be required to withdraw from the program.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
INTD 105	3	PSSC 130	3
PSSC 121	3	PSSC 133	3
PSSC 132	3	PSSC 252	3
PSSC 153	3	SOCI 100[1]	3
PSYC 104 or 105	3	University-level English (includes WRIT 101)	3
	15		**15**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
PSSC 222	3	PSSC 259	3
PSSC 245	3	PSSC 261	3
PSSC 250	3	PSSC 265	3
PSSC 255	3	PSSC 275	4
SOCI 225[1]	3	PSSC 293	3
	15		**16**
Total Credits 61			

1

The minimum grade required for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or Social Studies 30-2
3. One subject from Group A, B, C, or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Public Safety and Justice Studies at MacEwan University is committed to principles of equity and diversity.
The department supports equitable representation of groups underrepresented in public safety and justice professions and has reserved up to 10% of admission spaces in each program as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Metis and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program option to which they apply.

Legal - Office Assistant Certificate

Overview

The legal major provides core office skills and legal-specific courses for entry-level legal assistants that include basic legal theory and legal office procedures. The legal assistant in today's competitive market must be adept with technology, understand procedures in a law office, have a basic knowledge of law and be able to work within time limits.

Career Potential

Graduates work as entry-level legal assistants, transcriptionists or word processing operators in law offices, legal departments of government or private industry, or in general business offices.

Office Assistant Certificate

School of Continuing Education
MacEwan.ca/OfficeAssist (http://MacEwan.ca/OfficeAssist/)

Today's office assistants have strong technical skills to support other staff in a digital office. In addition, office assistants are involved in managing the organizational affairs of their areas that include handling public enquiries, managing computer and paper files, organizing schedules, arranging meetings of senior staff, as well as providing strong customer service and problem-solving skills.

The Office Assistant program is ideal as a foundation for other careers or as a complement to prior training and experience. It runs for 12 months, ending with a field placement. It is a comprehensive program that offers students the opportunity to specialize in one of the following three majors:

- Administrative
- Legal
- Medical

The program is well suited for individuals with strong organizational skills, familiarity with computers and software, a professional manner, and excellent verbal and written communication skills. Graduates are often required to work independently and in a team environment, so students who are positive and self-motivated do exceptionally well. The program has built a solid reputation with employers, resulting in a high job placement rate.

Contact Information

T: 780-497-4400
E: office@macewan.ca

Program Requirements

Code	Title	Credits
Core Courses:		
OADM 110	Office Procedures	3
OADM 114	Office Technology I	3
OADM 115	Business Communication I	3
OADM 116	Business Math	3
OADM 117	Bookkeeping & Accounting	3
OADM 125	Business Communication II	3
OADM 128	Office Technology II	3
OADM 131	Office Assistant Field Placement [1]	3
OADM 135	Business Communication III	3
WRIT 101	First Year Writing	3
Required courses for Legal Major:		
LEGL 100	Introduction to Law I	3
LEGL 104	Introduction to Law II	3
OALS 115	Corporate Procedures in the Law Office	3
OALS 116	Legal Office Documents I	3
OALS 126	Legal Office Documents II	3
Total Credits		**45**

1

Students can register for the field placement (OADM 131) in their final term of study.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Two subjects from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses.
1. ELA 30-1 or 30-2 with a minimum grade of 60% or equivalent
or
2. Three credits of University Level English, with a minimum grade of C-

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core course listed under the mature category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Library and Information Technology Diploma

Overview

School of Business
MacEwan.ca/LIT (http://MacEwan.ca/LIT/)

Since the Library and Information Technology program started more than 40 years ago, the proliferation of information has led to a dramatic increase in the use of technology to organize, control and provide access to information resources.

Information personnel require excellent interpersonal and communication skills coupled with the ability to deal accurately with detail. They are versatile and can quickly adapt to a rapidly changing work environment.

Students in the Library and Information Technology program develop the expertise needed to organize, retrieve and manage information. Graduates are equipped with the skills necessary to work in any setting that handles information management, not just traditional libraries.

This program exposes students to practical aspects of the profession, including cataloguing, reference, circulation, research techniques, information systems design, records management, and services to various types of library patrons. Using a wide array of electronic and print resources, students become familiar with the broad scope of information organization and retrieval. Students will also develop strong professional skills and competencies to work effectively within an organizational structure and in a customer service role. They will examine the central purpose of libraries in society, and consider ways that social responsibility, ethical behaviour, and social justice are important philosophical foundations for the library profession.

In combination with Arts & Science courses taken, students potentially may receive 60 credits towards a Bachelor of Arts degree.

Career Potential

The demand for qualified information specialists is growing. Graduates of this program find employment in libraries, large corporations, schools, government departments, universities, publishing houses, research organizations, consulting companies, and software producers. They work as library technicians, research or library assistants for corporations, records management technicians, and library software specialists, to name just a few jobs.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (business@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Complete 60 credits (20 courses) from this list:

Code	Title	Credits
CMPT 104	Fluency with Information Technology	3
ENGL 102	Analysis and Argument	3

ENGL 103	Approaches to Literature: Trends and Traditions	3
INFM 101	Libraries in the Information Age	3
INFM 104	Acquisition and Management of Collections	3
INFM 152	Information Services I	3
INFM 155	Organization of Information I	3
INFM 202	Information Services II	3
INFM 208	Library Services for Children and Young Adults	3
INFM 209	Records Management	3
INFM 210	Information and Society	3
INFM 258	Information Systems Design	3
INFM 259	Information Services Management	3
INFM 260	Field Placement	3
PSYC 105	Introductory Psychology II	3
SOCI 100	Introductory Sociology	3
Choose one of	INFM 205 or 200-level or higher SOCI course	3
Choose one of	INFM 219 or Open Elective	3
ENGL Elective	Choose any ENGL course	3
Open Elective	Choose 3 credits (1 course) from any subject	3
Total Credits		**60**

The minimum passing grade for a course at MacEwan is a D unless otherwise noted next to the appropriate course in the program of study.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1				
Term 1	**Credits**	**Term 2**	**Credits**	
CMPT 104	3	ENGL 103	3	
ENGL 102	3	INFM 152	3	
INFM 101	3	INFM 155	3	
INFM 104	3	INFM 208	3	
SOCI 100	3	Open Elective	3	
	15		**15**	
Year 2				
Term 1	**Credits**	**Term 2**	**Credits**	
INFM 202	3	INFM 210	3	
INFM 205 (or SOCI Elective)	3	INFM 219 (or Elective)	3	
INFM 209	3	INFM 258	3	
PSYC 105	3	INFM 259	3	
ENGL Elective: Choose any ENGL course	3	INFM 260	3	
	15		**15**	
Total Credits 60				

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university-level English with no grade less than C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the Calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must present a minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on the 4.0 scale and must have completed the required core courses listed under the Regular or Mature Category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Massage Therapy

Overview

Faculty of Health and Community Studies
Department of Allied Health and Human Performance
MacEwan.ca/Massage (http://MacEwan.ca/Massage/)

The Massage Therapy program offers a unique blend of scientific theory and clinical practice. It offers a comprehensive clinical education that develops well-rounded massage therapists able to practice in a wide range of medical and therapeutic environments. The program teaches soft tissue manipulation techniques for the assessment and treatment of stress, pain, and a variety of physical conditions. With challenging courses in anatomy, physiology, kinesiology, pathology, and communication, students gain a foundation of knowledge that carries them through dynamic field placement experiences and professional practice at MacEwan University's public massage clinic.

The program prepares students to become registered massage therapists (RMT) with a provincial association. With MacEwan University's reputation as a leader in massage education, graduates may be eligible for registration across Canada and internationally.

Career Potential

Massage therapy is on the leading edge of a vastly expanding market of health-related services. As massage therapy continues to gain recognition in the general population and the healthcare community, the profession can be seen as having high job potential, particularly with the growing trend toward self-employment. Graduates can specialize in areas that suit their lifestyles, their needs, and the needs of their patients. Potential work sites for massage therapists include multi-disciplinary healthcare settings, private practice, sports centres, hospitals, long-term care facilities, and health spas.

Contact Information

T: 780-497-5221
E: massage@macewan.ca

Teaching Clinic Receptionist
T: 780-497-4121

PROGRAM OFFICE

Robbins Health Learning Centre
Room 9-302, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4121

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
MTST 108	Massage Therapy Foundations [1]	2
MTST 109	Palpation Lab [1]	1
MTST 115	Functional Survey for Massage Therapists [1]	1
MTST 120	Human Anatomy I [1]	3
MTST 122	Human Anatomy II [1]	3
MTST 125	Physiology I [1]	3
MTST 126	Physiology II [1]	3
MTST 131	Techniques I [1]	3
MTST 137	Developing Therapeutic Relationships [1]	2
MTST 142	Techniques II [1]	3
MTST 143	Techniques III [1]	3
MTST 146	Body Movements [1]	3
MTST 155	Assessment for Massage Therapists I [1]	2
MTST 161	Clinical Practice I [1]	1
MTST 162	Clinical Practice II [1]	1
University-level English (includes WRIT 101)		3
Year 2		
HLST 150	Pathophysiology [1]	3
HLST 290	Nutrition/Pharmacological Concepts [1]	3
MTST 151	Research Literacy for Massage Therapists [1]	1
MTST 156	Assessment for Massage Therapists II [1]	2
MTST 224	Techniques IV [1]	3
MTST 225	Techniques V [1]	3
MTST 226	Techniques VI [1]	3
MTST 260	Clinical Practice III [1]	1
MTST 261	Clinical Practice IV [1]	1
MTST 262	Clinical Practice V [1]	1
MTST 265	Business Management for Massage Therapists [1]	2
MTST 273	Massage Therapy for Special Populations I [1]	2
MTST 274	Massage Therapy for Special Populations II [1]	2
MTST 281	Treatments and Planning I [1]	2
MTST 283	Treatments and Planning II [1]	2
MTST 286	Sport Massage [1]	3
Total Credits		**71**

1

The minimum grade required for this course is C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Police Information Check

Students must meet the specific Police Information Check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students are responsible for obtaining a PIC at intervals specified by clinical agencies or the program and making these available, upon request, to their clinical agency representative. Any costs incurred are the responsibility of the student.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program and/or they may be required to withdraw from the program.

Immunization

Current immunization against specified communicable diseases is required as a prerequisite for clinical experiences and thus for continued enrolment in the program. Students must meet the specific immunization requirements prior to the end of the fifth term. Documentation of these requirements must be provided to the program by the end of the fifth term. Failure to meet the specified immunization requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program. Any costs incurred are the responsibility of the student.

CPR – Basic Life Support for Health Care Provider (C) or equivalent

Students must meet the specific CPR requirements prior to the end of first term. The certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). Documentation of these requirements must be provided to the program by the end of the first term. Failure to meet the specified CPR requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program. Any costs incurred are the responsibility of the student.

First Aid – Basic

Students must meet the specific First Aid requirements by the end of the first term. Documentation of these requirements must be provided to the program by the end of the first term. Failure to meet the specified First Aid requirements may result in a student being denied an approved clinical experience and/or they may be required to withdraw from the program. Any costs incurred are the responsibility of the student.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1					
Term 1	**Credits**	**Term 2**	**Credits**	**Term 3**	**Credits**
MTST 108[1]		2 MTST 122[1]		3 MTST 143[1]	3
MTST 109[1]		1 MTST 126[1]		3 MTST 155[1]	2
MTST 115[1]		1 MTST 137[1]		2 MTST 162[1]	1
MTST 120[1]		3 MTST 142[1]		3	
MTST 125[1]		3 MTST 146[1]		3	
MTST 131[1]		3 MTST 161[1]		1	
University-level English (includes WRIT 101)		3			
		16		**15**	**6**
Year 2					
Term 1	**Credits**	**Term 2**	**Credits**	**Term 3**	**Credits**
HLST 150[1]		3 HLST 290[1]		3 MTST 226[1]	3
MTST 151[1]		1 MTST 225[1]		3 MTST 262[1]	1
MTST 156[1]		2 MTST 261[1]		1 MTST 265[1]	2
MTST 224[1]		3 MTST 274[1]		2	

MTST 260[1]	1	MTST 283[1]	2
MTST 273[1]	2	MTST 286[1]	3
MTST 281[1]	2		
	14	**14**	**6**

Total Credits 71

1

The minimum grade required for this course is C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group A, B, C or D

Notes:

- Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30

Previous Post Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer or any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have successfully completed Biology 30.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Medical - Office Assistant Certificate

Overview

The medical major provides students with the computer and medical software skills necessary for today's health care field. Students will receive a solid foundation in medical and pharmaceutical terminology, patient care, and medical office procedures which will prepare graduates for a variety of medical office assistant positions.

Career Potential

Graduates work as medical office assistants, medical receptionists in medical offices, clinics, hospitals and government agencies, as well as general areas such as insurance.

Office Assistant Certificate

School of Continuing Education
MacEwan.ca/OfficeAssist (http://MacEwan.ca/OfficeAssist/)

Today's office assistants have strong technical skills to support other staff in a digital office. In addition, office assistants are involved in managing the organizational affairs of their areas that include handling public enquiries, managing computer and paper files, organizing schedules, arranging meetings of senior staff, as well as providing strong customer service and problem-solving skills.

The Office Assistant program is ideal as a foundation for other careers or as a complement to prior training and experience. It runs for 12 months, ending with a field placement. It is a comprehensive program that offers students the opportunity to specialize in one of the following three majors:

- Administrative
- Legal
- Medical

The program is well suited for individuals with strong organizational skills, familiarity with computers and software, a professional manner, and excellent verbal and written communication skills. Graduates are often required to work independently and in a team environment, so students who are positive and self-motivated do exceptionally well. The program has built a solid reputation with employers, resulting in a high job placement rate.

Contact Information

T: 780-497-4400
E: office@macewan.ca

Program Requirements

Code	Title	Credits
Core Courses:		
OADM 110	Office Procedures	3
OADM 114	Office Technology I	3
OADM 115	Business Communication I	3
OADM 116	Business Math	3
OADM 117	Bookkeeping & Accounting	3
OADM 125	Business Communication II	3
OADM 128	Office Technology II	3
OADM 131	Office Assistant Field Placement [1]	3
OADM 135	Business Communication III	3
WRIT 101	First Year Writing	3
Required courses for Medical major:		
OAMS 110	Medical Office Procedures I	3
OAMS 113	Medical Terminology I	3
OAMS 120	Medical Office Procedures II	3
OAMS 123	Medical Terminology II	3
OAMS 129	Medical Office Procedures III	3
Total Credits		**45**

1

Students can register for the field placement (OADM 131) in their final term of study.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study

Course Substitutions

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:
1. ELA 30-1 or ELA 30-2
2. Two subjects from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.
Notes:
1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5 credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses.
1. ELA 30-1 or 30-2 with a minimum grade of 60% or equivalent
or
2. Three credits of University Level English, with a minimum grade of C-

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core course listed under the mature category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Music Theatre Performance

Overview

Faculty of Fine Arts and Communications
MacEwan.ca/TheatreArts (http://MacEwan.ca/TheatreArts/)

Please note: This program is no longer accepting applications. Please see the Bachelor of Fine Arts, with a major in Music Theatre Performance, for information on the new degree and diploma exit options.

Theatre Arts is an intense, two-year diploma with an emphasis on musical theatre actor training. The first year is spent in studio, private coaching, and classroom instruction, mastering the basics of all three disciplines while studying music theatre history, textual analysis, music theory and ear training.

The year culminates with workshop productions of a play and musical for invited audiences. In the second year, studio and laboratory courses continue while students apply their training in public productions in our new state-of-the-art performance spaces.

To gain admission to this program, applicants must meet the academic admission requirements and be successful at an audition, demonstrating an aptitude in all three disciplines of acting, singing and dancing. A diagnostic will assess applicants' basic skills in music theory and ear training.

Career Potential

Theatre Arts graduates work provincially, nationally and internationally in a variety of venues: regional theatres as well as on Broadway and London's West End; Fringe festivals; dinner theatres; cruise entertainment; TV, film, video gaming, and voice over work. Many self-produce their own work, while others continue their studies in acting, directing or writing at other institutions.

Contact Information

musictheatre@macewan.ca

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Required Courses		
ENGL 102	Analysis and Argument	3
Choose an ENGL course from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
THAR 101	Acting I	3
THAR 104	Voice I	3
THAR 109	Performer's Lab	3
THAR 110	Dance I	3
THAR 140	Music Theory and Ear Training I	3

THAR 141	Music Theory and Ear Training II	3
THAR 151	Acting II	3
THAR 154	Voice II	3
THAR 160	Dance II	3
THAR 201	Acting III	3
THAR 204	Voice III	3
THAR 206	Performance I	3
THAR 240	Music Theory and Ear Training III	3
THAR 250	Dance III	3
THAR 251	Acting IV	3
THAR 254	Voice IV	3
THAR 256	Performance II	3
THAR 260	Dance IV	3
Total Credits		**60**

The minimum passing grade for all THAR courses is a C-. All other courses have a minimum passing grade of a D unless otherwise noted.

Only full-time students admitted to the Theatre Arts program may register in THAR courses.

Program Regulations

Progression of Studies

Students in the Theatre Arts program are required to successfully complete all Theatre Arts courses in Term 1 of the program of study in order to be able to progress to Term 2.

Students in the Theatre Arts program are required to successfully complete all courses in Year 1 of the program of study in order be able to progress to Year 2.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
ENGL 102	3	Choose an ENGL course from the following:	3
THAR 101	3	ENGL 103	
THAR 104	3	ENGL 104	
THAR 110	3	ENGL 105	
THAR 140	3	THAR 109	3
		THAR 141	3
		THAR 151	3
		THAR 154	3
		THAR 160	3
	15		**18**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
THAR 201	3	THAR 251	3
THAR 204	3	THAR 254	3
THAR 206	3	THAR 256	3
THAR 240	3	THAR 260	3
THAR 250	3		
	15		**12**

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75% in ELA 30-2
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g. two 3-credit subjects).

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university-level English with no grade less than C-

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants are required to audition. Jurors will assess singing, dancing, and acting ability.

Paralegal Studies Diploma

Overview

School of Business
MacEwan.ca/Paralegal (http://MacEwan.ca/Paralegal/)

The Paralegal Studies diploma program produces skilled, analytical, and knowledgeable legal professionals, capable of carrying out certain legal tasks in a more independent fashion under the supervision of a lawyer. Students will focus on core legal subject areas such as real estate transactions and corporate procedures but will have greater flexibility to customize their program through their choices of options and electives.

Solid writing and communication skills are critical for work in the legal environment and this program includes an English course that emphasizes writing skills, summarizing and synthesizing written material, as well as grammar and sentence structure.

Graduates of this program are able to use the credit earned in these courses toward any major in the Bachelor of Commerce degree.

Career Potential

While the primary aim of the program is to prepare graduates for work in law offices, many find employment opportunities in government or in the legal departments of large corporations. The program also prepares graduates to work in other settings, such as trust companies and real estate companies. This program is highly respected by the legal community for its ability to adapt to and meet the changing needs of the profession. For this reason, there are excellent career opportunities in Alberta.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (business@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Complete 60 credits (20 courses) from this list:

Code	Title	Credits
ENGL 102	Analysis and Argument	3
LEGL 116	Legal Computing and Procedures	3
LEGL 180	Financial Procedures for the Law Office	3
or ACCT 311	Introductory Accounting	
LEGL 200	Paralegals and the Legal Environment	3
LEGL 210	Business Law I	3
LEGL 211	Legal Research and Analysis	3
LEGL 216	Legal Drafting and Information Management Procedures	3
LEGL 221	Criminal Law	3
LEGL 231	Corporate Procedures	3
LEGL 235	Civil Litigation and Dispute Resolution	3
LEGL 250	Real Estate Transactions	3
LEGL 261	Creditor and Debtor Law	3
LEGL 271	Estate Law	3
LEGL 281	Family Law	3
LEGL 299	Paralegal Studies Practicum	3
LEGL 308	Administrative Law and the Regulatory Environment	3
Open Electives: Complete four courses from any subject including senior-level LEGL courses. LEGL291 is recommended		12
Total Credits		**60**

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1				
Term 1	**Credits**	**Term 2**	**Credits**	
ENGL 102	3	LEGL 221	3	
LEGL 116	3	LEGL 250	3	
LEGL 210	3	LEGL 261	3	
LEGL 211	3	Open Elective: Choose any subject including senior LEGL courses	3	
LEGL 231	3	Open Elective: Choose any subject. Students choosing to take ACCT311 should take ECON101	3	
	15		**15**	
Year 2				
Term 1	**Credits**	**Term 2**	**Credits**	
LEGL 180 or ACCT 311	3	LEGL 216	3	
LEGL 235	3	LEGL 200	3	
LEGL 271	3	LEGL 299	3	
LEGL 281	3	Open Elective: LEGL291 recommended or any subject including senior-level LEGL courses	3	
LEGL 308	3	Open Elective: Choose any subject including senior-level LEGL courses	3	
	15		**15**	
Total Credits 60				

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2
3. Three subjects from Group A, B, C or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term.

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Mathematics 30-1 or Mathematics 30-2

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must present a minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale, and must have completed the required core courses listed under the Regular or Mature admission categories.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Physical Therapist Assistant / Occupational Therapist Assistant Diploma

Overview

Faculty of Health and Community Studies
Department of Allied Health and Human Performance
MacEwan.ca/PTAOTA (http://MacEwan.ca/PTAOTA/)

The Physical Therapist Assistant & Occupational Therapist Assistant (PTA & OTA) major prepares students to work in the fields of physical therapy and occupational therapy, providing patient treatment interventions related to movement and function. PTAs & OTAs assist people to gain or maintain strength, flexibility, and functional status. In addition to working with people with physical health problems, they also work with people with emotional/mental health problems.

Career Potential

PTAs & OTAs work in hospitals, long-term care facilities, subacute units, rehabilitation hospitals, mental health programs, physical therapy clinics, schools, and home care. To succeed in this field, people should possess patience and flexibility, as they will work with people who are under physical and emotional stress. Creativity, manual dexterity, and an interest in fitness are assets, as is the ability to work in a team environment. The employment rate for graduates is currently 100 per cent.

Admission to the program is competitive and is subject to a quota.

Therapist Assistant Program

The are two major programs of study in the two-year Therapist Assistant diploma:

- Speech Language Pathologist Assistant (http://MacEwan.ca/SLPA/)
- Physical Therapist Assistant and Occupational Therapist Assistant (http://MacEwan.ca/PTAOTA/)

Contact Information

T: 780-497-5221
Toll-free: 1-888-633-3042 ext. 5221
E: therapistassistant@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 9-407, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4567

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
HLSC 104	Applied Human Anatomy [1]	3
HLSC 105	Applied Human Physiology [1]	6
INTD 105	Interpersonal Communication	3
THAS 103	Pathology [1]	4
THAS 115	Human Development [1]	4
THAS 116	Functional Anatomy and Orthopedics [1]	4
THAS 117	Principles and Techniques of Client Contact [1]	3
University-level English (includes WRIT 101)		3
Year 2		
THAS 210	Field Placement I [2]	4
THAS 211	Field Placement II [2]	4
THAS 212	Field Placement III [2]	4
THAS 220	Exercise in Physical Therapy [1]	5
THAS 221	Modalities and Acute Care Interventions in Physical Therapy [1]	4
THAS 222	Occupational Therapy in Mental Health [1]	4
THAS 223	Occupational Therapy in Physical Dysfunction [1]	5
Total Credits		**60**

1

The minimum grade required for this course is a C-.

2

The grade required for this course is a CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
HLST 101	INTD 105

Program Regulations

Regulations Governing Clinical Fieldwork Courses

Students must achieve satisfactory performance in all clinical fieldwork placement courses in accordance with the course/clinical criteria and outcomes. Fieldwork education must include a minimum of 500 clinical hours, of which no less than 150 hours are to be completed in each discipline (physical therapy and occupational therapy). Clinical fieldwork placement hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any clinical fieldwork experience not accessible through public transportation. Students cannot attend clinical agencies as a MacEwan University therapist assistant student except at times and locations authorized by the clinical fieldwork placement instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding clinical fieldwork practice and/or placement as well as other applicable policies and regulations of the university and the host agency. Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical fieldwork placement course. In accordance with the Work Integrated Learning policy, the university reserves the right, at any point during the clinical fieldwork placement, to remove a student from the clinical fieldwork placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, will assign a grade of NCR (or F) in the course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw from the program. For further information, refer to the Academic Standing policy.

Police Information Check

Students must meet the specific Police Information Check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students are responsible for obtaining a PIC at intervals specified by clinical agencies or the program and making these available, upon request, to their clinical agency representative. Students may also be required to obtain an Intervention Record Check for some clinical fieldwork placements. Any costs incurred are the responsibility of the student.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program requirements as they may be denied required clinical fieldwork placements and, therefore, be unable to meet graduation requirements.

Immunization

Students must be able to meet agency requirements for immunizations prior to the start of all clinical fieldwork placement courses. Current immunization against specified communicable diseases is required as a prerequisite for clinical fieldwork placements and thus for continued enrolment in the program. Students must meet the specific immunization requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified immunization requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements. Any costs incurred are the responsibility of the student.

CPR – Basic Life Support for Health Care Provider (C) or Equivalent

Students must meet the specific CPR requirements prior to the start of the third term. The certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). Certification must be current, with no grace period provided for clinical fieldwork courses. Documentation of these requirements must be provided to

the program by the start of the third term. Failure to meet the specified CPR requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements. Any costs incurred are the responsibility of the student.

First Aid – Basic

Students must meet the specific First Aid requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified First Aid requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements. Any costs incurred are the responsibility of the student.

N95 Mask or Equivalent

Students must be fitted for an N95 mask (or equivalent) as a prerequisite for clinical fieldwork experiences, and refitted in accordance with health agency requirements. It is the responsibility of the student to meet the required timelines for mask fitting. Any costs incurred are the responsibility of the student.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
HLSC 104[1]	3	THAS 115[1]	4
HLSC 105[1]	6	THAS 116[1]	4
INTD 105	3	THAS 117[1]	3
THAS 103[1]	4	University-level English (includes WRIT 101)	3
	16		**14**

Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
THAS 220[1]	5	THAS 210[2]	4
THAS 221[1]	4	THAS 211[2]	4
THAS 222[1]	4	THAS 212[2]	4
THAS 223[1]	5		
	18		**12**

Total Credits 60

1

The minimum grade required for this course is a C-.

2

The minimum grade required for this course is a CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group C
4. Two subjects from Group A, B, C, or D

Notes:

1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or any credit combination of at least five credits (e.g., two three-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Biology 30
3. One subject from Group C

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have successfully completed Biology 30.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Police Studies - Police and Investigations Diploma

Overview

With rapid societal change and evolving technology, there is a need for police officers dedicated to the community, to problem solving, and to making a difference. Policing in the 21st century requires a broad base of knowledge and skills. This challenging and rewarding two-year diploma provides potential police officers with knowledge and skills in leadership, ethics, and professionalism in policing, criminalistics, investigative techniques, communications, criminology, law, psychology, and sociology.

The diploma consists of 61 credits, completed over two years, with intake each Fall.

Admission to the program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum.

Career Potential

Graduates from Police Studies may gain employment with the RCMP, municipal police services (e.g., Edmonton Police Service or Calgary Police Service) across Canada, the CN Police, the Alberta Sheriffs branch, and the Canadian Forces Military Police. Graduates must apply directly to a police service and meet its minimum standards.

Police and Investigations Diploma

Faculty of Health and Community Studies
Department of Public Safety and Justice Studies
MacEwan.ca/Investigations (http://MacEwan.ca/Investigations/) (http://MacEwan.ca/Investigations/)MacEwan.ca/Police (http://MacEwan.ca/Police/)

Investigate which of the two-year diplomas offered through the Police and Investigations program prepares you for the career of your choice: Investigative Studies or Police Studies.

Contact Information

T: 780-497-5221
E: investigativestudies@macewan.ca (investigations@macewan.ca)
E: police@macewan.ca

PROGRAM OFFICE
Robbins Health Learning Centre
Room 9-407, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4567

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
INTD 105	Interpersonal Communication	3
PSSC 102	Criminal Investigation	3
PSSC 112	Policing in Canada	3
PSSC 121	Law and the Administration of Justice	3
PSSC 122	Criminal Law	3
PSSC 123	Legal Evidence in Criminal Investigations	3
PSSC 130	Public Safety Reporting and Communications	3
PSYC 104	Introductory Psychology I	3
or PSYC 105	Introductory Psychology II	
SOCI 100	Introductory Sociology [1]	3
University-level English (includes WRIT 101)		3
Year 2		
PSSC 203	Forensic Science	3
PSSC 222	Mental Health and Resiliency in Public Safety	3
PSSC 245	Leadership, Ethics and Professionalism	3
PSSC 250	Multiculturalism and Diversity in Public Safety	3
PSSC 255	Investigative Interviewing	3
PSSC 260	Selected Topics in Policing and Public Safety	3
PSSC 265	Cybersecurity and Digital Investigations	3
PSSC 275	Field Placement	4
SOCI 225	Criminology [1]	3
SOCI 321	Youth, Crime and Society	3
Total Credits		**61**

1

The minimum grade required for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
PSSC 141	INTD 105

Program Regulations

Academic Residency - Exemption

A student in Police and Investigations (Police Studies or Investigative Studies) must complete at least 30 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 30 per cent.

Regulations Governing Field Placement (Work Integrated Learning)

Students must achieve satisfactory performance in all field placement courses in accordance with the course learning outcomes and grading criteria. Field placement hours may include days, evenings and weekends. Students are required to arrange their own transportation for required field placement activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required field placements will generally be within a 150 kilometer radius of the MacEwan University site.

Students cannot attend field placement agencies as a MacEwan University student except at times and locations authorized by the field placement course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding field placements. Students must have completed all prerequisite courses as well as all program and agency specific requirements prior to the start of any field placement course. In accordance with the Work Integrated Learning policy, the University reserves the right, at any point during a field placement, to remove a student from the placement for serious performance issues (i.e., engaging in behaviour that places a client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases, and in consultation with the Dean, the student will be assigned a grade of F in the course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw form the program. For further information, refer to the Academic Standing policy.

Police Information Check

Students must meet the specific Police Information Check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students are responsible for obtaining a PIC annually and submitting these to the program prior to September 1 for the duration of the program or as requested by their field placement agency and for making these available upon request. Any costs incurred are the responsibility of the student.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program and/or they may be required to withdraw from the program.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
INTD 105	3	PSSC 102	3
PSSC 112	3	PSSC 123	3
PSSC 121	3	PSSC 130	3
PSSC 122	3	SOCI 100[1]	3
PSYC 104 or 105	3	University-level English (includes WRIT 101)	3
	15		**15**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
PSSC 203	3	PSSC 250	3
PSSC 222	3	PSSC 260	3
PSSC 245	3	PSSC 265	3
PSSC 255	3	PSSC 275	4
SOCI 225[1]	3	SOCI 321	3
	15		**16**

Total Credits 61

1

The minimum grade required for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have an Alberta high school diploma (or equivalent) or GED diploma. Applicants must have a minimum overall average of 65 percent with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Social Studies 30-1 or 30-2
3. One subject from Group A, B, C, or D

Applicants with nine or more post-secondary credits must also present a minimum Admission Grade Point Average of 2.0 on a 4.0 scale.

Previous Post-Secondary Admission

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed a high school diploma (or equivalent) or GED diploma.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Equity Admission

The Department of Public Safety and Justice Studies at MacEwan University is committed to principles of equity and diversity. The department supports equitable representation of groups underrepresented in public safety and justice professions and has reserved up to 10% of admission spaces in each program as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Metis and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program option to which they apply.

Psychiatric Nursing Diploma

Overview

Faculty of Nursing
MacEwan.ca/PsychNursing (http://MacEwan.ca/PsychNursing/)

MacEwan University's Psychiatric Nursing diploma prepares graduates for a professional career as a registered psychiatric nurse (RPN). This 28-month program is designed for full-time studies and comprises 89 credits of coursework distributed over 2.5 academic years. The program has intakes at two sites: City Centre Campus in Edmonton and the Centennial Centre for Mental Health and Brain Injury in Ponoka.

The curriculum helps students develop the professional competencies they need to care for people experiencing mental and physical health problems. Graduates are ready to promote optimal wellness for

patients/clients and provide holistic, client-centred nursing care across the lifespan. The program of study incorporates extensive theory, laboratory and clinical practice. It builds on knowledge from nursing and psychiatric nursing, as well as the biological, health and social sciences. Concentrated blocks of nursing practice experiences, scheduled in a variety of settings, are strategically positioned within each academic year.

Graduates of this program receive a diploma in Psychiatric Nursing and are eligible to write the Registered Psychiatric Nurses of Canada Examination (RPNCE), which is required for registration as an RPN. Program graduates who wish to further their studies in their chosen field may apply for admission to MacEwan University's 45-credit Bachelor of Psychiatric Nursing degree.

Career Potential

RPNs play an integral role as members of the inter-professional health care team. They are employed in such areas as community mental health, acute and sub-acute psychiatry, palliative care, rehabilitation, continuing care, correctional services, crisis intervention, mental health and addictions, education, research and private practice. Psychiatric nurses bring an important mental health perspective to the delivery of health services through their employment in such roles as staff psychiatric nurses, addictions counsellors, therapists, community mental health workers, case managers, educators, administrators, researchers and self-employed practitioners. Psychiatric nursing is recognized as a distinct profession in the Yukon, throughout the Western Canadian provinces and in numerous other countries.

Contact Information

E: psychnurseinfo@macewan.ca

Program Requirements

Code	Title	Credits
Year 1		
HLSC 120	Human Anatomy [1]	3
HLSC 124	Microbiology for Health Professionals [1]	3
HLSC 126	Human Physiology I [1]	3
HLSC 128	Human Physiology II [1]	3
HLST 154	Professional Communication [1]	3
HLST 159	Health Foundations [1]	3
NURS 150	The Discipline of Psychiatric Nursing [1]	3
PNRS 152	Foundations in Nursing Practice [1]	6
PNRS 155	Mental Health Nursing I [1]	4
PSYC 104	Introductory Psychology I [1]	3
PSYC 105	Introductory Psychology II [1]	3
3 Credits in University Level English [1,2]		3
Year 2		
HLSC 220	Pharmacotherapeutics for Health Professionals [1]	3
HLSC 222	Pathophysiology Across the Lifespan [1]	3
NURS 251	Nursing Care, Diverse Populations [1]	4
NURS 252	Health Assessment Across the Lifespan [1]	4
NURS 253	Nursing Practice, Diverse Populations I [1]	5
NURS 255	Nursing Practice, Diverse Populations II [1]	5
PNRS 252	Mental Health Nursing II [1]	4
PNRS 255	Psychiatric Nursing Practice, Adult Populations [1]	5
PNRS 259	Psychiatric Nursing Practice, Special Populations [1]	5
Year 3		
PNRS 352	Mental Health Nursing III [1]	4
PNRS 355	Clinical Preceptorship [1]	7
Total Credits		**89**

1

The minimum passing grade for this course is a C-.

2

Excluding ENGL 111

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
HLSC 122	HLSC 126 & HLSC 128
NURS 105	HLSC 120
NURS 108	HLSC 126 & HLSC 128
NURS 118 & NURS 228	HLSC 126 & HLSC 128
NURS 152	HLST 159
NURS 170	NURS 150
NURS 270	NURS 251
NURS 275 & NURS 277	NURS 253 & NURS 255
PEDS 100	HLSC 120
PEDS 101	HLSC 126
PEDS 102	HLSC 126 & HLSC 128
PEDS 103	HLSC 128
PHSL 162	HLSC 126 & HLSC 128

Program Regulations

Program Time Limit - Exemption

A student in Psychiatric Nursing has four years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (Program Time Limits policy).

English Requirement

A three-credit university-level English course at the 100, 200, 300, or 400 level is required as a prerequisite for program completion; ENGL 102 is recommended. ENGL 111, Communications, cannot be used to meet the English course requirement for this program.

Progression of Studies

Course registration is required for attendance in all program courses. Students who have had a break in the continuity of their program may have additional course requirements to establish course currency.

Program regulations also require all transfer credit(s) meet currency requirements. To be considered for credit all PNRS, NURS and HLST equivalent courses must have been completed within the five years immediately preceding a student's program start date. All other courses being considered for transfer credit must be completed within the 10 years immediately preceding a student's program start date.

The decision to award transfer credit rests with the program and cannot be appealed.

Students are responsible for ensuring they meet the prerequisite and/or co-requisite requirements as noted on program courses. In accordance with the Academic Standing policy, a student who fails to complete a pre or co-requisite course designated as being required for progression in the program (or for program completion) may be Required to Withdraw from the program.

Professional Conduct

Students must adhere to the current College of Registered Psychiatric Nurses of Alberta (CRPNA) *Code of Ethics & Standards of Psychiatric Nursing Practice*, and confidentiality agreements signed with MacEwan University and clinical placement/other agencies.

Regulations Governing Clinical Courses

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria. Clinical course hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required nursing practice placements will generally be within a 150 kilometer radius of the program site.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. Students cannot be in attendance at clinical agencies as a MacEwan University psychiatric nursing student except at times and locations authorized by the clinical course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding clinical and/or nursing practice placements.

In accordance with the Work Integrated Learning policy, the university reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Department Chair, through consultation with the Dean, may assign a grade of F in the course.

Police Information Check

A current, clear Police Information Check (PIC) that includes a Vulnerable Sector Search is required for program admission. This check must be completed no earlier than 90 days prior to the program start date and submitted no later than the published document deadline. Having a pardon in progress does not meet the admission requirement for a clear PIC.

Students are responsible for obtaining, retaining, and submitting the original security clearance /PIC including vulnerable sector check, as requested by clinical agencies throughout the duration of the program. Students may also be required to obtain child welfare checks for some clinical placements.

Students whose PIC changes following admission MUST self-report this to the Department Chair, who will identify the process for initiating an assessment by AHS, and/or Covenant Health (and other agencies as applicable) of their ability to accommodate the students' clinical course placement(s). As this assessment process may take four to six weeks for completion, self-reporting of this information MUST be done in a timely manner. A change in the student's PIC may compromise their ability to complete the program requirements as they may be denied required clinical placements and, therefore, be unable to meet graduation requirements.

Program Standards

Students admitted to this program are presumed to be capable of fulfilling the academic requirements of their program with, if applicable, provision of reasonable accommodation. The reasonable accommodation of students with disabilities shall not require the University to lower its standards, academic or otherwise, nor shall it relieve a student of the responsibility to develop and demonstrate the essential skills and competencies expected of all students pursuing this program (Students with Disabilities policy).

Students are required to meet the requisite skills and abilities necessary for entry to practice as Registered Psychiatric Nurses (RPNs) in Alberta, as outlined in applicable CRPNA documents. All students must meet the physical and mental health attributes that will support success in a psychiatric nursing education program. Students must participate in clinical practice courses requiring performance of physically and mentally challenging activities such as cognitive, behavioural, communication, interpersonal, physical, sensory perceptual, and environmental requirements.

Immunization Status

Program students are exposed to high risk/vulnerable populations, exposing themselves, staff, and patients/clients to infectious diseases such as Hepatitis B and those with other blood-borne pathogens when assigned to their care. Students must meet agency requirements for immunizations prior to the start of all clinical or practice placement courses. Current immunization against specified communicable diseases is required as a prerequisite for practice placements and thus for continued enrolment in the program.

N95 Mask

Program students must be fitted for an N95 mask as a prerequisite for clinical experiences, and refitted in accordance with health authority requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification

A current Basic Life Support (BLS) Provider certificate obtained through the Heart and Stroke Foundation is required prior to the start of all clinical courses. The BLS Provider certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve-masks (BVM), and automated external defibrillation (AED). BLS certification must be updated every 12 months to meet this requirement, with no grace period provided for the clinical courses.

Standard First Aid

Students entering year 1 clinical must complete Heart and Stroke Standard First Aid & BLS Provider.

Agency-Specific Certifications

Program students may be required to complete additional agency-specific certifications as a prerequisite for clinical experiences.

Program Learning Outcomes

Psychiatric Nursing Diploma graduates will possess the professional competencies for entry to practice as a Psychiatric Nurse, including the requisite knowledge, skills, attributes, and behaviours to promote optimal

mental, physical, and psychosocial health for clients across the lifespan in diverse settings.

Upon completion of the Psychiatric Nursing Diploma program, graduates will:

1. Practice within the boundaries of the Registered Psychiatric Nurse Regulators of Canada Entry#Level Competencies, the Professional Code of Ethics, the Standards of Psychiatric Nursing Practice, agency policy, and the legislated scope of practice of the Registered Psychiatric Nurse.

2. Integrate theoretical frameworks and strong foundational knowledge from general and psychiatric nursing and the health, biological, and social sciences into psychiatric nursing practice.

3. Employ problem-solving, critical thinking, clinical judgment, and reasoning within psychiatric nursing practice.

4. Provide safe, competent, evidence#informed, client-centred, ethical care in situations of health and illness, working with individuals, families, groups, and communities within diverse practice settings.

5. Utilize a holistic approach in working with persons, families, groups, and communities, with consideration of the interrelationships among psychological, physiological, socio#cultural, developmental, and spiritual variables.

6. Convey caring behaviours for clients through empathy, respect, unconditional positive regard, genuineness, cultural sensitivity, and therapeutic use of self.

7. Communicate, collaborate, and advocate with clients within the context of families, the interprofessional healthcare team, and the community, to promote the mental, physical and psychosocial health of clients, continuity of care, and optimal client outcomes.

8. Foster best practices and responsible use of resources within a complex healthcare environment.

9. Recognize and initiate action related to societal factors that may impact the mental health of individuals, families, groups, and communities.

10. Demonstrate professional leadership and excellence in psychiatric nursing practice through accountability, responsibility, mentorship, role modelling, and commitment to life#long learning.

Student Plan

Year 1

Term 1	**Credits**
HLSC 120[1]	3
HLSC 126[1]	3
HLST 154[1]	3
HLST 159[1]	3
NURS 150[1]	3
PSYC 104[1]	3
	18

Total Credits 18

Admission Requirements

Through a competitive admission process, applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1, Mathematics 30-2 or Mathematics 31
5. One subject from Group A, B, C or D course

Notes:

- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).
- Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Chemistry 30 or Science 30
4. Mathematics 30-1, Mathematics 30-2 or Mathematics 31

Note:

- For Mature Admission only, another Group C course grade could be used to replace the Mathematics 30-1 or Mathematics 30-2 or Mathematics 31 grade in the calculation of the competitive average.

Applicants with nine to 23 university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more university-level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Applicants must meet university-level requirements for English language proficiency.

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

3. Other Admission Criteria

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who have had one or more unsatisfactory academic records from any post-secondary program or institution must meet the admission requirements under the Previous Post-Secondary Work admission category.

Applicants who have two or more unsatisfactory academic records within the past 10 years from any post-secondary program or institution will not be considered for admission or re-admission to the Program until a minimum five years from the date of assignment of the last unsatisfactory record. For the purpose of admission or re-admission, an unsatisfactory record is defined as a transcript with the notation 'required to withdraw' or equivalent.

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission to the program are required to present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Conditionally accepted applicants who have had a break in the continuity of their nursing program or who completed a portion of a nursing program through another institution may have to meet additional course requirements to establish course currency and/or course equivalence.

Equity Admissions

The Faculty of Nursing at MacEwan University is committed to facilitating an equitable, diverse, and inclusive educational environment. The Faculty of Nursing recognizes there are underrepresented groups in nursing and nursing education, therefore reserves up to 10% of admission spaces for applicants to the Diploma in Psychiatric Nursing, who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Métis, and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Public Relations Diploma

Overview

Faculty of Fine Arts and Communications
MacEwan.ca/PR (http://MacEwan.ca/PR/)

The Public Relations diploma offers a unique opportunity for people with previous post-secondary education to ready themselves for an exciting new career in communications in less than a year.

Public relations is a vibrant, dynamic field in the business environment, simply because organizations are being challenged by their publics – clients, shareholders, communities, employees – to do a better job of communicating.

This program has an excellent, nationwide reputation in the business community. It focuses on training students to be functional, entry-level practitioners the minute they leave the program. While theory receives the necessary attention to develop the students' understanding of the "big picture" and the potential for growth, the primary goal of the program is to give students the practical tools and skills to make an immediate, positive contribution.

Critical-thinking skills, problem-solving ability, creativity and the ability to rise to a challenge are all valuable assets in this fast-paced program. Group work is extensive and students must work effectively in a team setting. Students should have excellent language skills and be prepared to excel in writing.

This program begins in the fall and consists of 35 credits over three terms. Students are required to complete a two-month practicum in the spring term.

Career Potential

Graduates find employment in all levels of government, education and health-related organizations, professional associations, resource sectors, private companies, not-for-profit, media – just about any organization dedicated to strategic, timely and relevant communication.

Contact Information

E: prprogram@macewan.ca

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
PREL 213	Business Fundamentals for Communicators	3
PREL 230	Public Relations Fundamentals and Practice	3
PREL 233	Media Relations and Mass Media	3
PREL 238	Public Relations & Digital Media	3
PREL 240	Integrated Marketing Communications	3
PREL 241	Writing for Public Relations	3
PREL 242	Internal Communications and Organizational Dynamics	3
PREL 245	Communications Research and Planning	3
PREL 246	Issues and Reputation Management	3
PREL 250	Professional Practicum	5
PROW 211	Writing Fundamentals	3
Total Credits		**35**

Course Substitutions

List of Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
BCSC 100	PROW 211
PROW 100	PROW 211
BUSN 201	PREL 213

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1					
Term 1	**Credits**	**Term 2**	**Credits**	**Term 3**	**Credits**
PREL 213	3	PREL 233	3	PREL 250	5
PREL 230	3	PREL 240	3		
PREL 238	3	PREL 241	3		
PREL 245	3	PREL 242	3		
PROW 211	3	PREL 246	3		
	15		**15**		**5**

Total Credits 35

Admission Requirements

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum of 30 post-secondary credits, including a post-secondary English course with a minimum grade of C+.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Social Work Diploma

Overview

Faculty of Health and Community Studies
School of Social Work
MacEwan.ca/SocialWork (http://MacEwan.ca/SocialWork/)

At MacEwan University, social work students learn how to create meaningful change. You are the catalyst in the lives of others that helps them move forward in a positive manner. In this constantly evolving field, MacEwan University prepares students with the competency and professional skills to practice in a social work setting.

For more than 45 years, the university has earned a reputation for graduating skilled, compassionate, and professional social workers. Social workers assess and respond to human problems at both an individual and a societal level.

MacEwan University combines a strong academic approach to social work with direct practice field placements and university-level electives. Diversity and working with different cultures is integrated into all aspects of the program.

As professionals in a country that upholds respect for diversity, and in keeping with democratic rights and freedoms, social workers respect the distinct systems of beliefs and lifestyles of individuals, families, groups, communities, and nations without prejudice (United Nations Centre for Human Rights, 1992). Specifically, social workers do not tolerate discrimination based on age, abilities, ethnic background, gender, language, marital status, national ancestry, political affiliation, race, religion, sexual orientation, or socio-economic status (CASW *Code of Ethics, 2005*).

Career Potential

Graduates of the program are eligible to apply to the Alberta College of Social Workers to become registered social workers (RSW). Graduates can enter the workforce immediately upon graduation or, if eligible, apply to continue their studies in the MacEwan Bachelor of Social Work. Graduates may choose to work in a broad range of social work-related areas, including:

- services to families, children, and youth
- addiction and mental health
- community health and social service agencies
- correctional services agencies
- employment assistance programs
- family counselling agencies
- health and long-term care organizations
- immigration and settlement services
- preventive social services
- non-profit community agencies
- school boards
- services to seniors

Contact Information

T: 780-497-5229
E: socialwork@macewan.ca

PROGRAM OFFICE
Robbins Health Learning Centre
Room 9-505, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-5154

For information on the Bachelor of Social Work go to MacEwan.ca/BSW (http://MacEwan.ca/BSW/)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
ENGL 102	Analysis and Argument	3
PSYC 104	Introductory Psychology I	3
SOCI 100	Introductory Sociology	3
SOWK 101	Social Work Philosophy and Ethics [1]	3
SOWK 102	Introduction to Social Work Practice and Relationships with Indigenous Peoples [1]	3
SOWK 105	Field Placement [2]	4
SOWK 110	Social Work Practice Methods I [1]	3
SOWK 111	Social Work With Families	3
SOWK 112	Social Work With Children and Adolescents	3
SOWK 115	Field Placement [2]	4
Arts and Science elective		3
One of the following:		**3**
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
Year 2		
POLS 101	Introduction to Politics	3
SOWK 201	Group Work [1]	3
SOWK 202	Social Work Practice Methods II [1]	3
SOWK 203	Mental Health, Trauma and Addictions	3
SOWK 204	Social Policy and Anti-Oppressive Practice	3
SOWK 205	Field Placement [2]	4
SOWK 210	Community Practice Methods III	3
SOWK 211	Social Work Methods IV	3
SOWK 215	Field Placement [2]	4
Arts and Science electives		9
Total Credits		**76**

1

The minimum grade required for this course is a C-.

2

The minimum grade required for this course is CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Regulations Governing Field Practicum (Work Integrated Learning)

Students must achieve satisfactory performance in all field placement courses in accordance with the course learning outcomes and grading criteria. Field placement hours may include days, evenings and weekends. Students are required to arrange their own transportation for required field placement activities and any costs incurred for meals, travel, parking and accommodation are the student's responsibility. Students will require daily access to a vehicle for any practice experience not accessible through public transportation. Required field placements will generally be within a 150 km radius of the MacEwan University site.

Students cannot attend field placement agencies as a MacEwan University student except at times and locations authorized by the field placement course instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding field placements. Students must have completed all prerequisite courses as well as all program and agency specific requirements (i.e. which could include vaccinations and supporting documents) prior to the start of any field placement course. In accordance with the Work Integrated Learning policy, the University reserves the right, at any point during a field placement, to remove a student from the placement for serious performance issues (i.e. engaging in behaviours that place a client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, will assign a grade of NCR (or F) in the course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw from the program. For further information, refer to the Academic Standing policy.

Agency-Specific Requirements

Students must be able to meet requirements for immunizations prior to the start of all field practicum courses if required by their field placement agency.

Failure to meet specified immunization requirements may result in a student being denied a field practicum and, therefore, be unable to meet graduation requirements.

Students may be required to complete additional agency-specific certifications as a prerequiste for practicum. Any costs incurred are the responsibility of the student.

Police Information Check

A student must meet the specific Police Information Check (PIC) requirements including Vulnerable Sector, and an Intervention Record Check as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students are responsible for obtaining a PIC at intervals specified by field practicum agencies or the program and making these available, upon request, to their practicum agency representative. Any costs incurred are the responsibility of the student.

Students whose PIC status changes following program admission must self-report this change in status; this may compromise the student's ability to complete the program and/or they may be required to withdraw from the program.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
ENGL 102	3	SOWK 110[1]	3
PSYC 104	3	SOWK 111	3
SOCI 100	3	SOWK 112	3
SOWK 101[1]	3	SOWK 115[2]	4
SOWK 102[1]	3	Arts and Science elective	3
SOWK 105[2]	4	One of the following: ENGL 103 ENGL 104 ENGL 105	3
	19		**19**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
POLS 101	3	SOWK 203	3
SOWK 201[1]	3	SOWK 210	3
SOWK 202[1]	3	SOWK 211	3
SOWK 204	3	SOWK 215[2]	4
SOWK 205[2]	4	Arts and Science electives	6
Arts and Science elective	3		
	19		**19**

Total Credits 76

1

The minimum grade required for this course is a C-.

2

The grade required for this course is CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be 19 years of age or older by December 31 of the year they enter the program, and must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Social Studies 30-1
3. Three Group A, B, C or D courses

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine to 23 post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more post-secondary level credits will be considered under Previous Post-Secondary Work.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Social Studies 30-1

Applicants with nine to 23 post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale. Applicants with 24 or more post-secondary level credits will be considered under Previous Post-Secondary Work.

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants are required to submit the following to be assessed by faculty from the Social Work program:

1. Essay and Resume

2. Evidence of a minimum 70 hours of human or social service volunteer/work experience within the last two years

3. Professional Volunteer/Work Reference

Applicants offered admission are required to submit the following:

- A clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.
- An Alberta Intervention Record Check (or equivalent from another province/territory). The Intervention Record Check must be submitted by the published document deadline.

Equity Admission

The School of Social Work at MacEwan University is committed to principles of equity and diversity. The School supports equitable representation of groups underrepresented in the social work profession and has reserved up to 15 per cent of admission spaces as equity admission spaces for applicants who self-identify as Indigenous. MacEwan University defines Indigenous as First Nations, Métis and Inuit peoples in Canada.

In order to be considered for admission under the Equity Admission criteria, candidates must still meet the minimum admission criteria for the program.

Speech Language Pathologist Assistant Diploma

Overview

Faculty of Health and Community Studies
Department of Allied Health and Human Performance
MacEwan.ca/SLPA (http://MacEwan.ca/SLPA/)

The Speech Language Pathologist Assistant (SLPA) major provides the theoretical knowledge, skill development, and practical experience required to work as an SLPA. SLPAs primarily work with children and support the implementation of treatment for communication disorders. The SLPA major is delivered at City Centre Campus and online.

Career Potential

SLPAs work largely in early education settings and in schools. SLPAs may also work in regional and community health centres, hospitals, and rehabilitation centres. People who succeed in this career enjoy working with children and are patient, flexible, and creative team players. The ability to communicate in English with clear pronunciation is a requirement of employment in this field. The employment rate for graduates is currently 100 per cent.

Admission to the program is competitive and is subject to a quota.

Therapist Assistant Program

The are two major programs of study in the two-year Therapist Assistant diploma:

- Speech Language Pathologist Assistant (http://MacEwan.ca/SLPA/)
- Physical Therapist Assistant and Occupational Therapist Assistant (http://MacEwan.ca/PTAOTA/)

Contact Information

T: 780-497-5221
Toll-free: 1-888-633-3042 ext. 5221
E: therapistassistant@macewan.ca

PROGRAM OFFICE

Robbins Health Learning Centre
Room 9-407, 10910 - 104 Avenue
Edmonton, AB T5J 4S2
T: 780-497-4567

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
ECCS 155	Curriculum II: Languages of Play	3
INTD 105	Interpersonal Communication	3
LING 100	Introduction to Human Language	3
PSYC 104	Introductory Psychology I	3
THAS 101	Normal Development of Speech, Language and Literacy [1]	3
THAS 102	Communication Disorders [1]	4
THAS 104	Role and Responsibilities of Paraprofessionals in an Educational Setting [1]	2
THAS 115	Human Development [1]	4
University-level English (includes WRIT 101)		3
Year 2		
TAST 102	Supporting Behaviour	3
THAS 201	Therapeutic Interventions I: Articulation and Phonology [1]	5
THAS 202	Therapeutic Interventions II: Introduction to Clinical Role and Skills [1]	3
THAS 203	Field Placement I [2]	5
THAS 215	Field Placement II [2]	5
THAS 233	Therapeutic Interventions III: Language [1]	4
THAS 234	Therapeutic Interventions IV: Clients with Concurrent Diagnoses [1]	4
THAS 237	Therapeutic Interventions V: Adult Populations [1]	3
Total Credits		**60**

1

The minimum grade required for this course is a C-.

2

The grade required for this course is a CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
HLST 101	INTD 105

Program Regulations

Academic Residency - Exemption

A student in the Therapist Assistant-Speech Language Pathologist Assistant major must complete at least 40 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 40 per cent.

Regulations Governing Clinical Fieldwork Courses

Students must achieve satisfactory performance in all clinical fieldwork courses in accordance with the course/clinical criteria and outcomes. Clinical fieldwork hours may include days, evenings, nights and weekends. Students are to arrange their own transportation for required program activities and any costs incurred for meals, travel and accommodation are the student's responsibility. Students will require daily access to a vehicle for any clinical fieldwork experience not accessible through public transportation.

Students cannot attend clinical agencies as a MacEwan University therapist assistant student except at times and locations authorized by the clinical fieldwork placement instructor for the course in which the student is currently enrolled. Students must comply with the Work Integrated Learning policy regarding clinical fieldwork practice and/or placement as well as other applicable policies and regulations of the university and the host agency. Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical fieldwork placement course. In accordance with the Work Integrated Learning policy, the university reserves the right, at any point during the clinical fieldwork placement, to remove a student from the clinical fieldwork placement for serious performance issues (i.e., engaging in behaviour that places the client and/or others at risk or that is contrary to the professional or safety requirements of the placement). In such cases the Chair, through consultation with the Dean, will assign a grade of NCR (or F) in the

course. For further information, refer to the Work Integrated Learning policy.

In accordance with the Academic Standing policy, the performance of a Student in a clinical, field placement, ensemble setting, or equivalent learning activity may be reviewed at any time. If the student's performance is inadequate relative to the standards required in the student's program, the student may be placed on probation or required to withdraw from the program. For further information, refer to the Academic Standing policy.

Police Information Check

Students must meet the specific Police Information Check (PIC) requirement as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program.

Students are responsible for obtaining a PIC at intervals specified by clinical agencies or the program and making these available, upon request, to their clinical agency representative. Students may also be required to obtain an Intervention Record Check for some clinical fieldwork placements. Any costs incurred are the responsibility of the student.

Students whose PIC status changes following admission must self-report this change in status; this may compromise the student's ability to complete the program requirements as they may be denied required clinical fieldwork placements and, therefore, be unable to meet graduation requirements.

Immunization

Students must be able to meet agency requirements for immunizations prior to the start of all clinical fieldwork placement courses. Current immunization against specified communicable diseases is required as a prerequisite for clinical fieldwork placements and thus for continued enrolment in the program. Students must meet the specific immunization requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specific immunization requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements. Any costs incurred are the responsibility of the student.

CPR – Basic Life Support for Health Care Provider (C) or Equivalent

Students must meet the specific CPR requirements prior to the start of the third term. The certification must be for Health Care Providers and include one and two person rescuers (adult, infant, child), bag-valve masks, and automated external defibrillation (AED). Certification must be current, with no grace period provided for clinical fieldwork placement courses. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified CPR requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements. Any costs incurred are the responsibility of the student.

First Aid – Basic

Students must meet the specific First Aid requirements prior to the start of the third term. Documentation of these requirements must be provided to the program by the start of the third term. Failure to meet the specified First Aid requirements may result in a student being denied an approved clinical fieldwork placement and, therefore, be unable to meet graduation requirements. Any costs incurred are the responsibility of the student.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
INTD 105	3	ECCS 155	3
LING 100	3	PSYC 104	3
THAS 101[1]	3	THAS 102[1]	4
THAS 104[1]	2	THAS 115[1]	4
University-level English (includes WRIT 101)	3		
	14		**14**
Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
TAST 102	3	THAS 215[2]	5
THAS 201[1]	5	THAS 233[1]	4
THAS 202[1]	3	THAS 234[1]	4
THAS 203[2]	5	THAS 237[1]	3
	16		**16**

Total Credits 60

1

The minimum grade required for this course is a C-.

2

The grade required for this course is a CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Four subjects from Group A, B, C or D

Notes:

1. Applicants are strongly encouraged to present a broad range of subjects across the humanities and sciences in order to benefit from the breadth of learning and to increase flexibility of future course choices.
2. A maximum of two Group B subjects; they must be from different disciplines.
3. A maximum of one Group D subject. Group D subjects used for admission must be one five-credit subject or any credit combination of at least five credits (e.g., two three-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B, or C

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed:

- A minimum of 18 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Spoken English Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

Applicants who speak English as a second language – regardless of citizenship – are required to submit official documents such as high school, post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

3. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants offered admission must present a clear Police Information Check (or equivalent from another policing agency) that includes a Vulnerable Sector Search. The Police Information Check must be submitted by the published document deadline and have been issued within three months of the start of the program intake term.

Studio Arts

Overview

Faculty of Fine Arts and Communications
MacEwan.ca/FineArt (https://www.macewan.ca/academics/programs/bachelor-of-fine-arts/academics/studio-arts-major/)

Please note: This program is no longer accepting applications. See Bachelor of Fine Art, major in Studio Arts for more information on the degree program which has a two-year diploma exit option.

The two-year Studio Arts diploma program prepares students for degree completion (Bachelor of Fine Art or Bachelor of Arts) and for starting a professional art practice. Students study historical and contemporary art in studio and art history courses, along with English, Faculty of Fine Arts and Communications (FFAC) options and university electives. Students work in studios in Allard Hall on MacEwan University's downtown campus, walking distance to campus facilities and services, as well as to museums and galleries in Edmonton's downtown arts district.

This program exposes students to the diversity of contemporary art practice, and emphasizes the development of creative, research and professional skills. In the first year, students learn elements and principles used in visual composition, art themes and media, creative research and histories of art and visual culture. In the second year, they develop a personal direction as they study and explore contemporary art theories and practice, professional practice, and pursue idea and process within studio course objectives. Digital technologies along with traditional approaches are incorporated throughout the curricula in coursework in drawing, painting, sculpture, installation, performance art, digital art, video and emerging forms. Studio assignments are designed to foster creative problem-solving skills, fluency with creative language and a strong work ethic. Through critiques, lectures and seminars, and visiting artist lectures, students learn to discuss their own art as it relates to contemporary art and its influences and contexts.

Career Potential

Graduates of the program can be self-employed artists who work on commissioned artworks or exhibit their artwork in art galleries and museums or the public sphere. The program provides a solid grounding to pursue various career pathways such as becoming artists, designers, illustrators, architects, film or media production artists, muralists, art teachers, university art professors, photographers, art historians, art writers, gallery administrators, art technicians, curators, archivists, and art conservators.

Contact Information

studioarts@macewan.ca (fineart@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Required Courses		
ARTE 104	Five Centuries of Art and Visual Culture: From Renaissance to the 19th-Century	3
ARTE 106	Digital Foundation [1]	3
ARTE 107	3D Foundation [1]	3

ARTE 110	Drawing Foundation [1]	3
ARTE 111	2D Foundation [1]	3
ARTE 119	Introduction to Creative Research [1]	3
ARTE 120	Drawing I [1]	3
ARTE 205	Painting I	3
ARTE 206	Intermedia I	3
ARTE 208	Introduction to Professional Practice	3
ARTE 219	Concepts and Practice	3
ARTE 224	The Visual Culture of Modernity: Fin-de-siècle to Mid-Twentieth Century	3
ARTE 230	Introduction to Contemporary Drawing [1]	3
ARTE 234	Art and Visual Culture II: Modernism and Postmodernism	3
ENGL 102	Analysis and Argument	3
Choose an ENGL course from the following:		3
ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
Options - Select two courses from the list below:		**6**
ARTE 207	3D Spatial Practice I	
ARTE 214	History of Photography	
ARTE 215	Painting II	
ARTE 216	Intermedia II	
ARTE 259	Special Topics in Art	
ARTE 314	Thinking Photography	
ARTE 399	Special Topics in Art	
Elective		**3**
Elective or FFAC option - Select either one elective or one option [2]		**3**
Total Credits		**60**

1

The minimum passing grade for this course is a C-.

2

DESN courses can be used to fulfill the FFAC option.

Note: Not all Fine Art Option courses are offered in every year.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
ARTE 102	ARTE 104
ARTE 121	ARTE 119
ARTE 123	ARTE 107
ARTE 202	ARTE 224
ARTE 203	ARTE 234
ARTE 231	ARTE 205, ARTE 215
ARTE 240	ARTE 219
ARTE 241	ARTE 206, ARTE 207
VCPH 100	ARTE 106

Program Regulations

Students in this program are required to successfully complete all courses in Year 1 of the Program of Study in order to be able to progress to Year 2.

Program courses (ARTE) and Bachelor of Design courses (DESN, VCDE, VCDF, VCDI, VCDM, VCDR, VCMI, VCOM, VCPH, VCPR) cannot be used to fulfill elective requirements. However, a DESN course can be used to fulfill one (1) FFAC option.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1

Term 1	Credits	Term 2	Credits
ARTE 104	3	ARTE 106	3
ARTE 107	3	ARTE 119	3
ARTE 110	3	ARTE 120	3
ARTE 111	3	ARTE 224	3
ENGL 102	3	Choose an ENGL course from the following:	3
		ENGL 103	
		ENGL 104	
		ENGL 105	
	15		**15**

Year 2

Term 1	Credits	Term 2	Credits
ARTE 205	3	ARTE 208	3
ARTE 206	3	ARTE 219	3
ARTE 230	3	Fine Art Option - 200+ level	6
ARTE 234	3	Elective or FFAC Option	3
Elective	3		
	15		**15**

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 60 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or a minimum of 65% in ELA 30-2
2. One Group A course
3. One Group B or C course
4. One Group C or D course

Applicants with nine or more university level credits must also present a minimum Admission Grade Point average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 60 percent (or equivalent)

OR

- Six credits of university level English with no grade less than C-

Applicants with nine or more university level credits must also present a minimum Admission Grade Point average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (https://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants must submit a portfolio and a statement of intent to be assessed by a committee of Fine Art faculty.

Successful applicants will demonstrate in their portfolio:

- a basic understanding of composition, colour, tone and perspective
- an interest in working with a variety of mediums and subjects
- an attention to presentation

Successful applicants will demonstrate in their statement of intent:

- the ability to express ideas well in writing
- how this MacEwan University program is aligned with their interests and goals
- an interest in learning about the theories and practice of historical and contemporary art

Theatre Production Diploma

Overview

Faculty of Fine Arts and Communications
MacEwan.ca/Production (http://MacEwan.ca/Production/)

Please note: This program is no longer accepting applications. Please see the Bachelor of Fine Arts, major in Theatre Production, for information on the new degree and diploma exit options.

The theatre profession requires skilled theatre artisans and technicians. Theatre Production's curriculum provides instruction and practical experience in lighting, audio, stagecraft, scenic painting, prop-making, costuming, projection, and management, ensuring that Theatre Production graduates are well-equipped for employment in the entertainment industry.

Instructors, who are members of the professional community, provide equal parts knowledge and experience. Instruction is complemented by hands-on learning in our new state-of-the-art performance spaces.

Career Potential

Theatre Production graduates are employed in professional theatre, film and television, as well as in the cruise line, conference and special event industries. Graduates have filled key positions at the Citadel Theatre, Winspear Centre, Edmonton Opera, Alberta Ballet, Edmonton International Fringe Festival, Alberta Theatre Projects, The Stratford Festival, Carnival Cruise Lines, Royal Winnipeg Ballet, Disney, and Rexall Place, to cite only a few examples.

Technology Integration for Creative learning

Students in the Theatre Production program will need to purchase an Apple laptop and necessary software identified by the program. This initiative is designed to maximize student learning through the use of digital technology and provide students with the tools required to succeed in the industry. For more information, see the program website (MacEwan.ca/TheatreProduction (http://MacEwan.ca/TheatreProduction/)) or email theatreproduction@macewan.ca.

Contact Information

theatreproduction@macewan.ca (theatreproduction@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Required Courses		
ENGL 102	Analysis and Argument	3
Choose an ENGL course from the following:		3

ENGL 103	Approaches to Literature: Trends and Traditions	
ENGL 104	Approaches to Literature: Narrative Across Media	
ENGL 105	Approaches to Literature: Contemporary Literature and Culture	
THPR 100	Theatre Production Boot Camp [1]	3
THPR 101	Technical Crafts I: Audio and Lighting	3
THPR 102	Artisan Crafts I: Paint, Props and Costume	3
THPR 103	Stage Crafts I: Carpentry, Drafting and Rigging	3
THPR 104	Production I	3
THPR 121	Technical Crafts II: Audio and Lighting	3
THPR 122	Artisan Crafts II: Paint, Props and Costume	3
THPR 123	Stage Crafts II: Carpentry, Drafting and Rigging	3
THPR 124	Production II	3
THPR 205	Theatre History I: Ancient Greece through the Renaissance	3
THPR 211	Technical Crafts III: Audio, Lighting and Video/ Projection	3
THPR 212	Artisan Crafts III: Paint, Props and Costume	3
THPR 213	Stage Crafts III: Carpentry, Drafting and Welding	3
THPR 214	Production III	3
THPR 221	Technical Crafts IV: Audio, Lighting and Video/ Projection	3
THPR 222	Artisan Crafts IV: Paint, Props and Costume	3
THPR 223	Stage Crafts IV: Carpentry, Drafting and Rigging	3
THPR 224	Production IV	3
Total Credits		**60**

1

Course is CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
TPPR 111	THPR 100
TPPR 102, TPPR 103, TPPR 104, TPPR 108	THPR 103, THPR 203
TPPR 204	THPR 213
TPPR 105, TPPR 110	THPR 101, THPR 201
TPPR 210, TPPR 215	THPR 211, THPR 221
TPPR 101	THPR 205
TPPR 106, TPPR 107, TPPR 212	THPR 102, THPR 202
TPPR 206, TPPR 207, TPPR 222	THPR 212, THPR 222
TPPR 117	THPR 104
TPPR 127	THPR 204
TPPR 237	THPR 214
TPPR 247	THPR 224
TPPR 203	THPR 400*
TPPR 221	THPR 413*
THPR 201	THPR 121
THPR 202	THPR 122
THPR 203	THPR 123
THPR 204	THPR 124

*Note: These are key components of new courses, but do not/will not be 100% equivalent. Due to the nature of the combined courses (Artisan, Stage, and Technical Crafts), students must complete ALL applicable courses in order to earn credit(s) in the new Program of Study.

Program Regulations

Students are strongly encouraged to seek advice from their University Advisor about program planning.

Progression of Studies

Students are responsible for ensuring that they meet the prerequisite requirements as specified in descriptions for program courses.

English Requirement

Students must complete ENGL 102 and one of: ENGL 103, ENGL 104 or ENGL 105.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1

Term 1	Credits	Term 2	Credits
THPR 100	3	ENGL 102	3
THPR 101	3	THPR 121	3
THPR 102	3	THPR 122	3
THPR 103	3	THPR 123	3
THPR 104	3	THPR 124	3
	15		**15**

Year 2

Term 1	Credits	Term 2	Credits
Choose an ENGL course from the following:	3	THPR 205	3
ENGL 103		THPR 221	3
ENGL 104		THPR 222	3
ENGL 105		THPR 223	3
THPR 211	3	THPR 224	3
THPR 212	3		
THPR 213	3		
THPR 214	3		
	15		**15**

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or 75% in ELA 30-2
2. Four subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have the following:

- ELA 30-1 with a minimum grade of 65 percent (or equivalent)

OR

- Six credits of university-level English with no grade less than C-

Previous Post Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 post-secondary level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

2. Other Admission Criteria

To be evaluated through the Program

Applicable to All Admission Categories

Applicants are required to submit a brief questionnaire that explains (in 500-1000 words):

- Why they are interested in the program
- The career that they are seeking through the completion of this program
- A description of the last theatre production they attended

Applicants offered admission are required to complete Standard First Aid certification (including Level C CPR) by the beginning of the intake term.

Travel and Tourism

Overview

School of Business
MacEwan.ca/Travel (http://MacEwan.ca/Travel/)

This program meets the highest Canadian standards for industry education. It is fast-paced and hands-on: you will work in a computer lab with access to industry software and a live reservation system. Combine this with a one-month practicum at program's end, and you are highly employable immediately upon graduation.

You'll take an in-depth look at the world's most important tourist destinations and learn what motivates travelers to visit them. You'll also develop an understanding of the evolving travel market and the technology used to document and sell North American and international travel. In just 13 months, you'll learn the skills Canada's travel industry demands most: communications, sales techniques, customer service, and automation.

To succeed in this career, you should welcome challenges and deadlines. Typically mature students fare better in this program than younger students. Communication skills, people skills, and a passion for sales are essential, as are superior organizational skills and a curiosity about the world. Your personal travel experiences are a definite asset.

Career Potential

Educated travel professionals are in high demand. Opportunities abound in everything from adventure tours and special interests to selling leisure packages and incentive travel. Graduates work as travel consultants, reservations agents, customer service representatives, sales representatives, and marketing managers. Throughout Canada and around the globe, MacEwan University grads can be found in a range of pursuits: booking scuba diving tours, escorting European coach tours, and arranging honeymoons in Hawaii or safari groups to Africa.

Contact Information

T: 780-497-5162
E: Business@MacEwan.ca (business@macewan.ca)

Program Requirements

The following program requirements are needed to complete the credential. Refer to the Student Plan as this plan identifies the usual course schedule.

Complete 60 credits (20 courses) from this list:

Code	Title	Credits
ENGL 102	Analysis and Argument	3
or WRIT 101	First Year Writing	
ENGL 211	Business Communication	3
MGTS 107	Business Computing	3
TRVL 110	Airline Fares and Scheduling Concepts	3
TRVL 115	Introduction to Travel and Tourism	3
TRVL 116	Destinations I	3
TRVL 120	Domestic Air Travel	3
TRVL 122	Introduction to Computerized Reservations	3
TRVL 125	Travel Products and Services	3
TRVL 126	Destinations II	3
TRVL 230	International Air Travel	3
TRVL 232	Selling Travel Products and Services	3
TRVL 233	Travel Accounting	3
TRVL 236	Destinations III	3
TRVL 241	Selling and Marketing Travel	3
TRVL 242	Advanced Computer Reservations	3
TRVL 243	Tourism Industry Suppliers	3
TRVL 244	Practicum	3
TRVL 245	The Cruise Market	3
Choose one of INTB 255 or any 3-credit course from any subject		3
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Student Plan

Students must follow the Student Plan (listed below) to complete this credential in the year(s) indicated by the plan. Students must consult with a program Academic Advisor regarding any deviation from the Student Plan, as this may extend the time it takes to complete the program.

Year 1

Term 1	Credits	Term 2	Credits
ENGL 102 or WRIT 101	3	TRVL 120	3
ENGL 211	3	TRVL 122	3
MGTS 107	3	TRVL 125	3
TRVL 110	3	TRVL 126	3
TRVL 115	3	TRVL 232	3
TRVL 116	3	Open Elective: Choose any subject	3
	18		**18**

Year 2

Term 1	Credits	Term 2	Credits
TRVL 230	3	TRVL 242	3
TRVL 233	3	TRVL 243	3
TRVL 236	3	TRVL 244	3
TRVL 241	3	TRVL 245	3
	12		**12**

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. Four subjects from Group A, B, C or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1 or ELA 30-2
2. One subject from Group A, B, C or D

Applicants with nine or more post-secondary level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Notes:

- Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must present a minimum of 24 post-secondary credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Certificate of Achievement Programs

- Behavioural Interventions Certificate (p. 628)
- Certificate of Achievement Sustainability Studies (p. 629)

Behavioural Interventions Certificate

Overview

School of Continuing Education
MacEwan.ca/Behavioural Interventions (http://MacEwan.ca/BehaviouralInterventions/)

The Behavioural Interventions Certificate of Achievement (BICA) program provides a blend of academic training and skill development in applied behaviour analysis (ABA). ABA principles and procedures are applicable across a wide range of human services, especially in the assistance and treatment of individuals with autism and other developmental disabilities.

This program will also enable students to meet the course requirements to become a Board Certified Assistant Behaviour Analyst (BCaBA), as specified by the Behavior Analyst Certification Board (BACB®). Information about the BCaBA, and its additional requirements (practical experience component and final examination), can be found on the BACB® website: bacb.com (http://bacb.com).

Career Potential

Recipients of the certificate who wish to pursue BCaBA certification will be well-positioned to obtain supervised positions in which they can accumulate the required hours of practical experience. Those who choose not to pursue BCaBA certification will nevertheless have acquired knowledge and skills that should be of considerable value in assisting with the implementation of behaviour change procedures in a variety of human service professions, such as social work, nursing, teaching, coaching, and organizational behaviour. Most importantly, the completion of this program will help meet the needs of a growing number of families in Alberta who are lobbying for increased access to ABA and ABA-related services.

Contact Information

BICA@MacEwan.ca (BICA@macewan.ca)

Program Requirements

Code	Title	Credits
PABA 485	Single-Case Research Designs	3
PABA 486	Behavioural Interventions in Developmental Disabilities	3

PABA 487	Clinical Behaviour Analysis and Professional Ethics	3
Total Credits		**9**

Field experience in applied behavioural analysis is also available as an optional, not for credit course (HTWL 0581 Applied Behavior Analysis Field Experience - 140). For information regarding the application process for the field experience course, please email BICA@macewan.ca.

Admission Requirements

There is no longer a distinction between internal or external applicants.

Applicants must have completed:

- MacEwan University's PSYC 281 with a minimum grade of C
- MacEwan University's PSYC 385 with a minimum grade of C, or be currently enrolled in it
- a minimum of 60 university credits in a degree program

The application can be found on the BICA webpage (https://www.macewan.ca/academics/faculties-schools/school-of-continuing-education/programs/?id=SCE_00000000648). Successful application will be contingent on grades and statement of intent. Applications for the Fall term are due by July 15, and applications for the Winter term are due by November 15.

Certificate of Achievement Sustainability Studies

Overview

Sustainability theories and practices are increasingly important in our ever-changing world. Theories and practices can be applied to not only the environment, but to the economy and social systems. This certificate is truly interdisciplinary in nature with applications in business, government, education, and more. Students can build on their current or past post-secondary education. The Certificate of Achievement in Sustainability Studies consists of 2 core courses in addition to 2 electives with a sustainability focus. Learners do not need to be enrolled full-time to access the courses.

Career Potential

Sustainability Studies offers learners an opportunity to engage in sustainable thinking, issues and ideas that are increasingly becoming the norm. Employers are now seeking experience and knowledge of sustainability when looking for new candidates. This certificate will set learners apart in the job market as it enhances existing knowledge with a new focus and approach.

Contact Information

sustainabilityca@macewan.ca

Program Requirements

Code	Title	Credits
Required Courses: 6 credits in SUST courses including at least one of SUST 201 and SUST 302		**6**
SUST 201	Introduction to Sustainability	
SUST 301	Sustainability Challenges	
SUST 302	Systems Thinking	
SUST 310	Indigenous and Western Perspectives of Sustainability: Walking Side-by-Side	
SUST 390	Topics in Sustainability	
Elective Courses - 6 additional credits from the SUST courses or from the following list		**6**
ANTH 246	Circumpolar Peoples	
ANTH 250	Introduction to Indigenous Peoples in Canada	
ANTH 340	Indigeneity in Canada	
ANTH 399	Ecological Perspectives in Anthropology	
ANTH 410	Humans, Climate and Culture	
BCSC 204	Foundations in Sustainability Communication	
BIOL 103	Humans and Their Environment	
BIOL 310	Freshwater Ecology	
BIOL 312	Terrestrial Ecology	
BIOL 314	Population Ecology	
BIOL 365	Tropical Rainforest Ecology	
BIOL 367	Conservation Biology	
BIOL 414	Invasion Ecology and Management	
BIOL 467	Advanced Conservation Biology	
BIOL 477	Contemporary Issues in Freshwater Ecology	
BUSN 201	Introduction to Sustainable Business	
BUSN 410	Social Responsibility and Sustainability Management	
COSL 200	Community Service Learning: Community Engagement	
COSL 300	Community Service Learning: Building Local Community	
EASC 373	Anthropogenic Climate Change	
ECON 335	Urban Economics	
ECON 366	Energy Economics	
ECON 369	Economics of the Environment	
ECON 467	Environmental and Natural Resource Policy	
ENGL 216	Environmental Writing Since 1800	
HLST 320	Health and Society	
HLST 400	Global Health Perspectives	
INDG 200	Indigenous Studies 200	
INTB 310	Global Business and Sustainability	
MARK 422	Sustainability and Responsible Marketing	
NURS 424	Fostering Resilience in Priority Populations	
PHIL 355	Studies in the Philosophy of Nature	
POLS 343	Environmental Policy and Politics	
POLS 357	The Third World in Global Politics	
SOCI 261	Social Inequality	
SOCI 393	Politics and Social Change	
SOWK 204	Social Policy and Anti-Oppressive Practice	
SOWK 210	Community Practice Methods III	
SOWK 303	Social Work and Sustainability	
SOWK 312	Social Policy	
SOWK 401	Introduction to Social Work with Communities	
SOWK 412	Advanced Social Work Practice with Communities	
Total Credits		**12**

Certain Special Topics courses may also apply. Please email sce@macewan.ca to inquire.

Program Regulations

The School of Continuing Education will be responsible for validating courses as part of the Certificate of Achievement and awarding the credential.

Post Diploma Programs

- Digital Experience Design (p. 630)
- Gerontology (p. 630)
- Hospice Palliative Care (p. 631)
- Occupational Health Nursing (p. 632)
- Perioperative Nursing for Registered Nurses and Licensed Practical Nurses (p. 633)
- Wound Management - Suspended (p. 635)

Digital Experience Design

Overview

Students in the post-diploma certificate will design digital products such as websites, apps, video games and wearable interfaces and develop depth in the methods by which digital experience designers identify client problems, recognize user needs and translate these into wireframes, prototypes and visual interfaces. They will also learn and apply new processes and techniques to create digital products using the latest industry tools and practices that meet the emerging needs of a rapidly changing technological environment. A balance of practice-based, hands-on, research and theory-driven courses will prepare students to solve problems and find digital solutions to improve people's lives.

Program Requirements

Code	Title	Credits
Required Courses		
DESN 242	Introduction to Digital Experience Design for Non-Designers	3
DESN 342	Digital Experience Design Theory, Methods, and Issues	3
DESN 344	Interaction Design I	3
DESN 442	Information Architecture	3
Digital Experience Design Courses (Choose 9 - 18 credits)		
DESN 340	Web Design & Development I	3
DESN 380	Design Research	3
DESN 440	Web Design & Development II	3
DESN 443	Multi-disciplinary Digital Experience Design Studio	3
DESN 444	Interaction Design II	3
DESN 445	Service Design	3
Related Courses (Choose 0 - 9 credits)		
DESN 110	Design Studio I: Visual Organization, Composition and Visual Language	3
DESN 120	Design Software I	3
DESN 131	Typography I	3
DESN 260	Introduction to Video	3
DESN 261	Motion Graphics I	3
DESN 361	Motion Graphics II	3
DESN 395	Internship	3
DESN 413	Information Design II	3
CMPT 101	Introduction to Computing I	3
CMPT 103	Introduction to Computing II	3
CMPT 200	Data Structures and Algorithms	3
CMPT 310	Computers and Society	3
MSYS 200	Introduction to Management Information Systems	3
Total Credits		**30**

Progression of Studies

Students are responsible for ensuring they meet the prerequisite and co-requisite requirements for all courses.

English Course Requirement

Students are required to take 3 credits of English either within this program or as part of their previous diploma or degree

Admission Requirements

Applicants may be admitted to one of the following:

Previous Post-Secondary Admission
To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have completed one of the following from a recognized institution:

- A diploma

OR

- A bachelor's degree

Additional Admission Criteria

All applicants must meet the following:

1. **English Language Proficiency**

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan's academic calendar or online at MacEwan.ca/ELP.

Gerontology

Overview

School of Continuing Education
MacEwan.ca/Gerontology

Older patients often require complex and specialized care to maintain physical and mental health. With new advances in all areas of health care, nurses specializing in gerontology offer their patients increased mobility, improved resilience and greater peace of mind.

Career Potential

Graduates specializing in gerontological nursing work in general nursing practice and often take on leadership roles in continuing care, acute care, community nursing, home care, health promotion and primary care. Market trends indicate that independent practice in the area of self-care for older persons (with an emphasis on teaching preventive strategies) will become a central role for the gerontological nurse in the near future.

Contact Information

T: 780-497-4730
phe@macewan.ca

Program Requirements

Code	Title	Credits
NURS 475	Ethics in Gerontology and Palliative Care [1]	2
NURS 476	Leadership in Care Management [1]	2
NURS 477	Therapeutic Relations in Specialty Practice [1]	3
NURS 478	Field Project [1]	1
NURS 480	Conceptualizing Gerontology [1]	2
NURS 481	Optimizing Older Adult Health [1]	4
NURS 482	Dementia Care in the Elderly [1]	4
Total Credits		**18**

1

The minimum passing grade for this course is a C-.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be actively registered in Canada as one of the following:

- Registered Nurse
- Registered Psychiatric Nurse
- Graduate Nurse with a temporary permit
- Licensed Practical Nurse
- Registered Practical Nurse

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Hospice Palliative Care

Overview

School of Continuing Education
MacEwan.ca/Hospice

Palliative care aspires to relieve suffering and enhance quality of life for people living with acute or chronic life-threatening illnesses. Nurses specializing in palliative care assist individuals and those close to them with physical, psychosocial and spiritual concerns and provide support through the bereavement processes.

Career Potential

Graduates specializing in palliative care nursing work in hospices, palliative units, acute care, home care settings, continuing care or nurse consulting positions. There are many opportunities to apply this specialized knowledge in both urban and rural settings.

Contact Information

T: 780-497-4730
phe@macewan.ca

Program Requirements

Code	Title	Credits
NURS 475	Ethics in Gerontology and Palliative Care [1]	2
NURS 476	Leadership in Care Management [1]	2
NURS 477	Therapeutic Relations in Specialty Practice [1]	3
NURS 478	Field Project [1]	1
NURS 483	Conceptualizing Hospice Palliative Care [1]	2
NURS 484	Pain Assessment and Management [1]	4
NURS 485	Palliative Symptoms [1]	4
Total Credits		**18**

1

The minimum passing grade for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be actively registered in Canada as one of the following:

- Registered Nurse
- Registered Psychiatric Nurse
- Graduate Nurse with a temporary permit
- Licensed Practical Nurse
- Registered Practical Nurse

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to all admission categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Occupational Health Nursing

Overview

Faculty of Nursing
MacEwan.ca/OHN (http://MacEwan.ca/OHN/)

Occupational Health Nursing (OHN) focuses on protecting workers from hazards in their work, promoting workers' health, preventing illness and injuries and placing workers in jobs suited to their physical, mental and psychosocial abilities. The broad scope of practice encompasses the application of theoretical principles in management, health assessment, health education, counselling, occupational hygiene, toxicology, program development, information management, primary care, emergency response, disability management and client advocacy.

This 30-credit program is offered via online distance delivery, which allows students to study while they maintain their personal and professional obligations. In combination with required clinical hours this program prepares graduates to write the Canadian Nurses Association (CNA) Occupational Health Nursing certification exam.

Career Potential

There is a broad spectrum of employment opportunities for a qualified OHN. Prospective places of employment include the manufacturing, food processing, petrochemical and mining industries, as well as health care agencies, government offices and educational institutions.

Contact Information

T: 780-497-5188
Toll-free: 1-888-497-9390
E: occupationalhealth@macewan.ca

Program Requirements

Code	Title	Credits
OCCH 300	Introduction to Occupational Health Nursing [1]	3
OCCH 301	Occupational Environments [1]	4
OCCH 302	Occupational Health Screening [1]	4
OCCH 303	Field Experience in Occupational Health Nursing [1]	2
OCCH 304	Occupational Health Program Development [1]	3
OCCH 305	Disability Management [1]	3
OCCH 306	Trends and Issues in Occupational Health [1]	3
OCCH 307	Occupational Toxicology [1]	3
OCCH 308	Occupational Health Surveillance [1]	3
OCCH 309	Occupational Health Nursing: Final Project [1]	2
Total Credits		**30**

1

The minimum passing grade for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Course Substitutions

Credit Earned in:	May Be Substituted for Credit in Program Course:
ENGL 102 OR ENGL 100	ENGL 111 OR ENGL 108

Program Regulations

Program Time Limit - Exemption

A student in Occupational Health Nursing has four years from the first day of the term of acceptance to complete all requirements to be eligible for a credential (Program Time Limits policy).

Program Graduation Regulations

Active Registered Nurse License

Students must meet the specific registered nurse requirements as set out in the admission criteria for the duration of the program or they may be required to withdraw from the program. Prior to graduation students are required to complete a three-credit English course.

Program Learning Outcomes

Upon completion of the Occupational Health Nursing program, graduates will:

1. Assess the work environment and activities and apply principles of hazard identification, evaluation, and control.

2. Design, implement, manage, and evaluate workplace health and safety programs that are consistent with legislative requirements.

3. Apply principles of current management, business, and organizational theories when directing the occupational health program.

4. Establish and communicate the mission, vision, values, and goals of occupational and environmental health programs and services.

5. Develop, implement, and review policies, programs, and procedures for employee health surveillance and intervention.

6. Provide and coordinate ability and case management.

7. Provide assessment and care to minimize the effects of illness and injury of employees.

8. Plan, implement, and evaluate health promotion and disease prevention strategies and programs in the workplace.

9. Establish and maintain an employee health information system in a secure and confidential manner, according to company policy and statutory requirements.

10. Use an ethical framework as a guide in practice.

Admission Requirements

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be actively registered as a Registered Nurse in Canada or licensed as a nurse in another country, and have received a practicing permit from their professional provincial jurisdiction.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Perioperative Nursing for Registered Nurses and Licensed Practical Nurses

Overview

Faculty of Nursing
MacEwan.ca/PeriopRN (http://MacEwan.ca/PeriopRN/)

Nurses in the perioperative field provide care and support to patients before, during and after surgery. Ultimately, nurses are responsible for maintaining a sterile environment in the operating room, monitoring the patient during surgery and coordinating care throughout the process.

The courses, offered via online distance delivery and classroom lab, provide registered nurses with the fundamental skills required to work alongside surgeons and other health care professionals in a challenging, fast-paced and team-oriented environment – the operating room.

Students in the Perioperative Nursing for Registered Nurses program come with a diverse base of expertise, from new graduates to seasoned generalists, seeking a new challenge and direction in nursing. Upon successful completion of the program and fulfillment of the clinical hours, nurses are eligible to write the Canadian Nurses Association certification for nursing specialties exam in perioperative nursing.

Career Potential

Due to an aging workforce and the growing demand for health care, the need for nurses in the specialty of perioperative nursing has never been stronger.

Contact Information

T: 780-497-5188
Toll-free: 1-888-497-9390
E: perioperative@macewan.ca

Program Requirements

Code	Title	Credits
PBNS 401	Foundations of Perioperative Nursing Practice [1]	2
PBNS 402	Concepts of anesthesia within perioperative nursing [1]	2
PBNS 403	Perioperative nursing in the preoperative, intraoperative and postoperative environment [1]	4
PBNS 404	Fundamentals of Perioperative Techniques [1]	2
PBNS 405	Perioperative Clinical Preceptorship [2]	8
Total Credits		**18**

1

The minimum passing grade for this course is a C-.

2

The minimum passing grade for this course is CR.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Academic Residency - Exemption

A student in the Perioperative Nursing for Registered Nurses and Licensed Practical Nurses program must complete at least 44 per cent of courses through MacEwan University. Challenge examinations, transfer credit and other special assessments (for example, prior learning and recognition) are not included in the 44 per cent.

Program Graduation Regulations

Students are strongly encouraged to seek advice from the University Advisor about program planning.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite requirements as noted on program courses.

Professional Conduct

Students must adhere to current code of ethics and professional competencies related to their profession as well as the confidentiality agreements signed with MacEwan by the clinical placement/other agencies.

Regulations Governing Clinical Courses

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcome. Clinical course hours may include days, evening, nights and weekends.

Students must start their clinical placement within a four month period of completing the clinical skills lab. If more than four months have lapsed since their successful completion of the clinical skills lab, students will be required to repeat the clinical skills lab to ensure currency of skills prior to stating the clinical placement.

In order to secure a clinical placement, the program requires all students to do the following:

- Complete a Personal Information Disclosure Authorization Form so that the Program may forward the student's name to the clinical placement site.

Students shall acknowledge that clinical placements may not be available at the time(s) or in the location(s) preferred by the student. While every effort shall be made by the Program to secure a suitable placement according to the student needs and or preference, all students shall accept that labour market conditions are variable and beyond the Program's control.

Notwithstanding of the above, students shall accept the first clinical placement available. In the event that a student does not accept the first available clinical placement, the Program shall not be responsible for arranging an alternative. Students are fully responsible for obtaining required licences and/or permits prior to commencing a clinical placement.

Once a placement is accepted by the student, the student shall remain at the clinical placement site for the entirety of the placement. Days missed due to illness and extenuating circumstances will need to be made up.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. In accordance with policy C2060 Work Integrated Learning, the university reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or other at risk or that is contrary to the professional or safety requirements of the placement). In such cases and with the concurrence of the Dean, the student will be assigned a grade of F in the course. Although the decision may be appealed according to policy E3103 Appeals, the student will not be permitted to remain in the clinical placement during the appeal.

Police Information Check

A current clear police information check is required prior to starting the clinical course.

Health Status

Students must be able, both physically and mentally, to fully undertake all program activities without the need for modifying program standards, academic or otherwise. Student with Disabilities policy states that students are "presumed to be capable of fulfilling the essential requirements of the program, with the provision of reasonable accommodation when required".

Immunization Status

Program students may be required to care for patients/clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Current immunization against specified communicable diseases is required prior to registration in the clinical course.

N 95 Mask

Students must be fitted for an N95 mask as a prerequisite for clinical experiences and refitted in accordance with health zone requirements. It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification

A current Heart and Stroke Basic Life Support (BLS) Provider or equivalent certificate is required prior to start of the clinical placement. BLS certification is updated every 12 months to meet this requirement.

Program Learning Outcomes

Upon completion of the Perioperative Nursing for Registered Nurses and Licensed Practical Nurses program, graduates will:

1. Demonstrate a specific knowledge base of perioperative nursing informed by current evidence-informed research and practice.

2. Practice within the legal requirements and ethical principles of the regulatory body and professional association's Code of Ethics.

3. Act as an educational resource and advocate for persons, families, and health providers related to the specific needs and care of the operating room patient.

4. Practice in the scrub and circulating role according to the Operating Room Nurses Association of Canada (ORNAC) standards of practice and Canadian Council for Practical Nurse Regulators (CCPNR) standards of practice and competencies.

5. Effectively respond to the complex and changing clinical needs of patients during the surgical experience as well as assist other healthcare members to effectively respond to urgent and emergency situations.

6. Plan, organize, and prioritize the plan of care and maximize resources to meet patient needs.

7. Provide leadership in identifying and managing situations, specific materials, and equipment, including those that may be hazardous to the patient or other healthcare members.

8. Communicate effectively and collaborate with all members of the healthcare team.

Admission Requirements

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must be either actively registered in Canada as a Registered Nurse or Licensed Practical Nurse, or a graduate nurse/graduate practical nurse with a practice permit and eligibility to write National Council Licensure Examination for Registered Nurses (NCLEX) or the Canadian Practical Nurse Registration Exam (CPNRE).

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of

standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP.

Wound Management - Suspended

Overview

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

Faculty of Nursing
MacEwan.ca/Wound (http://%E2%80%8BMacEwan.ca/Wound/)

The Wound Management post-diploma certificate provides health care practitioners with the specialty knowledge and expertise required to work in a practice setting with patients who have complex wounds resulting from a variety of disease pathologies and factors. The focus of the program is on the management of all complex wounds, but some emphasis is placed on certain populations that are at greater risk to develop wounds.

Prevention of the exacerbation of wounds is covered throughout the program. It is part of a standardized approach to wound management involving all members of an interdisciplinary wound management team.

Distance delivery courses offer mature learners the flexibility to balance their studies with professional commitments and family responsibilities. The program is offered via online distance delivery. Labs are presented live over the internet

Career Potential

As the population ages and produces a higher number of patients at risk for developing complex wounds, there is an increase in demand for health care practitioners skilled in complex wound management.

Contact Information

T: 780-497-5188
Toll-free: 1-888-497-9390
E: wound@macewan.ca

Program Requirements

Code	Title	Credits
HLST 350	Principles of Wound Assessment and Management [1]	3
HLST 351	Management of Acute and Chronic Wounds [1]	3
HLST 352	Wound Management Clinical [1]	3
HLST 353	Drains, Fistulas, Peristomal [1]	3
HLST 355	Vascular Assessment [1]	3
Total Credits		**15**

1

The minimum passing grade for this course is a C-.

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Program Regulations

Students are strongly encouraged to seek advice from the University Advisor about program planning.

Progression of Studies

Students are responsible for ensuring they meet the prerequisite requirements as noted on program courses.

Professional Conduct

Students must adhere to current code of ethics and professional competencies related to their profession as well as the confidentiality agreements signed with MacEwan by the clinical placement/other agencies.

Regulations Governing Clinical Courses

Students must achieve satisfactory performance in all clinical courses in accordance with the course/clinical criteria and outcome. Clinical course hours may include days, evenings, nights and weekends.

Students shall acknowledge that clinical placements may not be available at the time(s) or in the location(s) preferred by the student. While every effort shall be made by the Program to secure a suitable placement according to the student needs and or preference, all students shall accept that labour market conditions are variable and beyond the Program's control.

Notwithstanding of the above, students shall accept the first clinical placement available. In the event that a student does not accept the first available clinical placement, the Program shall not be responsible for arranging an alternative.

Students are fully responsible for obtaining required licenses and/or permit prior to commencing a clinical placement.

Students must have completed all prerequisite courses as well as all program and agency pre-clinical requirements prior to the start of any clinical course. In accordance with the Work Integrated Learning policy, the university reserves the right, at any point during the clinical placement, to remove a student from the clinical placement for serious performance issues (i.e., engaging in behaviour that places the client and/or other at risk or that is contrary to the professional or safety requirements of the placement). In such cases and with concurrence of the Dean, the student may be assigned a grade of F in the course.

Police Information Check

A current clear police information check is required prior to starting the clinical course.

Health Status

Students must be able, both physically and mentally, to fully undertake all program activities without the need for modifying program standards, academic or otherwise. The Student with Disabilities, states that students are "presumed to be capable of fulfilling the essential requirements of the program, with the provision of reasonable accommodation when required".

Immunization Status

Program students may be required to care for patients/ clients who have infectious diseases such as Hepatitis B or other blood-borne pathogens. Current immunization against specified communicable diseases is required prior to registration in the clinical course.

N 95 Mask

Students must be fitted for an N95 mask as a prerequisite for clinical experiences and refitted in accordance with health zone requirements.

It is the responsibility of the student to meet the required timelines for mask fitting.

Basic Life Support Certification

A current Health and Stroke Basic Life Support (BLS) Provider or equivalent certificate is required prior to start of the clinical placement. BLS certification is updated every 12 months to meet this requirement.

Admission Requirements

Applicants may be admitted to the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have, at minimum, a diploma in a health-related discipline (e.g. nursing, occupational therapy, physiotherapy, pharmacy, dietetics).

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

University Transfer Programs

- Bachelor of Physical Education Transfer (p. 636)
- Bachelor of Science in Engineering Transfer - Suspended (p. 638)

Bachelor of Physical Education Transfer

Overview

Faculty of Health and Community Studies
Department of Allied Health and Human Performance
MacEwan.ca/PhysEd (http://MacEwan.ca/PhysEd/)

The Bachelor of Physical Education Transfer program offers first and second-year courses that may be used toward obtaining a Bachelor of Kinesiology degree offered at the University of Alberta.

MacEwan University offers a student-centred focus in the delivery of the program by offering small classes and opportunities to participate in intramural and interscholastic athletic activities.

Admission to the program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum.

Career Potential

Growing interest in health and personal fitness makes this degree an attractive area of study for the future. Potential growth occupations include administrative and managerial positions, and lifestyle and fitness consultants. Graduates have also found work as athletic therapists, coaches and kinesiologists. Graduates have continued their education and entered professional programs such as Physiotherapy and Medicine. The physical education experience provides a well-rounded education and the people skills needed to find employment in a variety of areas.

Contact Information

T: 780-497-5221
E: physed@macewan.ca

Program Office

Robbins Health Learning Centre
Room 9-209, 10910 - 104 Avenue
Edmonton, Alberta T5J 4S2

Program Requirements

Refer to the Student Plan as this plan identifies the usual course schedule.

Code	Title	Credits
Year 1		
ENGL 102	Analysis and Argument	3
HEED 120	Introduction to the Biological Aspects of Fitness to Health	3
PEDS 100	Structural Anatomy	3
PEDS 101	Introduction to Human Physiology	3
PEDS 102	Foundations of Human Movement	3
PEDS 103	Integrative Human Physiology	3
PEDS 109	Statistics, Measurement, and Evaluation	3
PERL 104	Introduction to Sociocultural Aspects of Leisure and Sport	3
PERL 105	Introduction to the Management of Sport, Physical Activity and Recreation Programs	3
Elective		3
Year 2		
PEDS 200	Physiology of Exercise	3
PEDS 203	Skill Acquisition and Performance	3
PEDS 206	Biomechanics	3
PEDS 207	Physical Growth and Psychomotor Development	3
PEDS 209	Research Methods in Kinesiology	3
PEDS 240	Introduction to Sports Injury Management	3
PERL 204	Canadian History of Leisure, Sport and Health	3
PERL 207	Adapted Physical Activity and Leisure for Diverse Populations	3
PESS 195	Spectrum of Dance in Society	3
PACT course		3
Total Credits		**60**

The minimum passing grade for a course at MacEwan University is a D unless otherwise noted next to the appropriate course in the program of study.

Student Plan

This is the typical schedule for a student completing courses in the two-year transfer program. The student plan may be subject to change.

Year 1			
Term 1	**Credits**	**Term 2**	**Credits**
ENGL 102	3	PEDS 102	3
HEED 120	3	PEDS 103	3
PEDS 100	3	PEDS 109	3
PEDS 101	3	PERL 104	3
PERL 105	3	Elective	3
	15		**15**

Year 2			
Term 1	**Credits**	**Term 2**	**Credits**
PEDS 203	3	PEDS 200	3
PEDS 206	3	PEDS 207	3
PEDS 240	3	PEDS 209	3
PERL 204	3	PERL 207	3
PACT course	3	PESS 195	3
	15		**15**

Total Credits 60

Admission Requirements

Applicants may be admitted to one of the following:

Regular Admission

To be evaluated through the Office of the University Registrar

Applicants must have a minimum overall average of 65 percent, with no course grade lower than 50 percent, in the following high school courses:

1. ELA 30-1
2. Biology 30
3. Three subjects from Group A, B, C, or D

Notes:

- Applicants are strongly encouraged to present a broad range of subjects in order to benefit from the breadth of learning and to increase flexibility of future program and course choices.
- A maximum of two Group B subjects may be presented; they must be from different disciplines.
- A maximum of one Group D subject may be presented. Group D subjects used for admission must be 5-credit or any credit combination of at least 5 credits (e.g., two 3-credit subjects).

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

Mature Admission

To be evaluated through the Office of the University Registrar

Applicants must be 20 years of age or older and have been out of full-time high school at least one year by the beginning of the intake term. Applicants must have a minimum overall average of 65 percent, in the following high school courses:

1. ELA 30-1 with a minimum grade of 60 percent
2. Biology 30 with a minimum grade of 60 percent

Applicants with nine or more university-level credits must also present a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale (no time limit on calculation of AGPA).

Previous Post-Secondary Work

To be evaluated through the Office of the University Registrar

Admission in this category does not imply or guarantee the transfer of any coursework and/or credential unless a block transfer agreement (internal or external) is in effect and published in the calendar by the Office of the University Registrar. In addition, transfer of coursework does not imply or guarantee that an applicant will be admitted.

Applicants must have successfully completed the following from a recognized institution:

- A minimum of 24 university-level credits with a minimum Admission Grade Point Average (AGPA) of 2.0 on a 4.0 scale and must have completed the required core courses listed under the Regular or Mature Admission category.

Additional Admission Criteria

All applicants must meet the following:

1. English Language Proficiency

To be evaluated through the Office of the University Registrar

Applicable to All Admission Categories

All applicants must meet an acceptable level of English language proficiency. We will require official documents such as high school or post-secondary transcripts or proof of successful completion of standardized language evaluation. Full details are available in MacEwan University's academic calendar or online at MacEwan.ca/ELP (http://MacEwan.ca/ELP/).

Bachelor of Science in Engineering Transfer - Suspended

Overview

Faculty of Arts and Science
MacEwan.ca/Engineering (http://MacEwan.ca/Engineering/)

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

The Bachelor of Science in Engineering Transfer program offers first-year courses that may be used toward obtaining a Bachelor of Science in Engineering at the University of Alberta. Credit for courses taken at MacEwan University may be transferred to other post-secondary institutions within or outside Alberta. For a complete listing of transferable courses within Alberta, refer to the Alberta Transfer Guide website at www.transferalberta.ca.

MacEwan University provides a student-centred focus in the delivery of the program by offering small class sizes, extra tutorial sessions and an annual boot camp to prepare students for the challenging course material.

Admission to the Bachelor of Science in Engineering Transfer program is competitive and is subject to a quota. The competitive admission average may be considerably higher than the posted minimum. Within the overall quota, limitations are also placed on the number of international (visa) and mature students, and on the number of students who have been previously enrolled in other post-secondary institutions.

Contact Information

T: 780-497-4505
E: engineering@macewan.ca

Program Requirements

Suspended: There are no planned intakes for this program. Applications for admission are not being accepted.

Code	Title	Credits
Term I		
CHME 103	Introductory University Chemistry I for Engineers	4.3
ENGG 100	Success in Engineering	1.1
ENGG 130	Engineering Mechanics - Statics	4
ENGL 199	English for Engineering Students	3
MATH 100	Calculus I	3.5
PHYS 130	Wave Motion, Optics and Sound	3.8
Term II		

CHME 105	Introductory University Chemistry II for Engineers	3.8
ENCP 100	Computer Programming for Engineers	3.8
ENGG 160	Introduction to Engineering Design, Communication, and Profession	2
ENPH 131	Engineering Mechanics - Dynamics	4.3
MATH 101	Calculus II	3.5
MATH 102	Applied Linear Algebra	3.5
Total Credits		**40.6**

College and University Entrance

- Alberta Foundation Program (p. 640)
- English as an Additional Language (EAL) (p. 640)
- Foundation Program - International (p. 642)
- Foundation Program - pimâcihisowin (p. 642)
- University Preparation (p. 643)

Alberta Foundation Program

Overview

School of Continuing Education

The Alberta Foundation Program (AFP) is a study program designed to address the gap between a student's current level of qualifications and knowledge and the level needed for admission into and success in a post-secondary diploma or degree.

Program Completion

Successful completion of this program prepares students for further post-secondary studies at the undergraduate level. Upon completion of the Alberta Foundation Program (AFP), students are encouraged to apply to a degree or diploma program. Completion of this program does not guarantee admission to another program.

Contact Information

T: 780-497-4400
E: preparation@macewan.ca

Program Requirements

Depending on the student's transcripts and English Language Proficiency, students could be enrolled into University Preparation courses and/or English as an Additional Language courses.

Core Class

All students must enrol in FOUN 101 (39 hrs).

The maximum number of hours a student can be enrolled in each term varies between 235 to 360 hours.

Once students have gained foundational courses, they will be permitted to take courses listed under open studies. SCE University Advisors will work with each student to create an Educational Program Plan that align with their individual goal program admissions requirements.

Admission Requirements

Students under 18 years of age are not accepted except with special permission.

Admission Criteria

All applicants must meet an acceptable level of English language proficiency. This program requires proof of CLB scores of 5 in at least 2 categories (with no skill under 4), an overall IELTS score of 4.0 (with no skill below 3.5), or equivalent.

Once admitted, students may be required to write a placement test to determine their current academic standing and placement level in the program.

International applicants must be eligible to apply for a study permit which is valid for 6 months or longer.

English as an Additional Language (EAL)

Overview

School of Continuing Education
MacEwan.ca/ESL (http://MacEwan.ca/ESL/)

The School of Continuing Education offers a range of courses for learners of English as an Additional Language. The program focuses on English for academic studies for English language learners who wish to complete high school studies, continue to post-secondary studies or re-enter their professions in Canada.

Core courses in reading/writing and listening/speaking are offered at five levels of proficiency, ranging from courses at the Intermediate level to courses which teach English for academic purposes and post-secondary studies. Focus courses target specific needs and interests including pronunciation, grammar, and academic vocabulary. Additional programming includes courses in writing, speaking and IELTS preparation. Class participation, homework and regular attendance are essential parts of the language learning process.

New applicants may be required to take a placement test to determine their starting level in the program.

Not all courses may be offered in each term. Evening courses have separate start and end dates. Please consult the program for details.

Career Potential

EAL prepares students for employment, academic upgrading or university admissions.

Contact Information

T: 780-497-4400
E: eal@macewan.ca

Program Requirements

Code	Title	Credits
Core Courses - Reading and Writing		
ERDW 081	Intermediate Reading and Writing I	5
ERDW 082	Intermediate Reading and Writing II	5
ERDW 083	Advanced Reading and Writing I	5
ERDW 084	Advanced Reading and Writing II	5
ERDW 085	Reading and Writing for Academic Purposes	5
ENGL 086	ELP for University - Reading and Writing	5
Core Courses - Listening and Speaking		
ESPL 081	Intermediate Listening and Speaking I	5
ESPL 082	Intermediate Listening and Speaking II	5
ESPL 083	Advanced Listening and Speaking I	5
ESPL 084	Advanced Listening and Speaking II	5
ESPL 085	Listening and Speaking for Academic Purposes	5
ENGL 087	ELP for University - Listening and Speaking	5
Focus Courses		
EOPT 060	Pronunciation I	5

EOPT 061	Pronunciation II	5
EOPT 064	Academic Vocabulary I	5
EOPT 065	Academic Vocabulary II	5
EOPT 066	Grammar I	5
EOPT 067	Grammar II	5
EOPT 068	Research Writing	5

Admission Requirements

Students under 18 years of age are not accepted except with special permission.

Admission Criteria

Domestic and International students will be required to meet the same requirements.

All applicants must meet an acceptable level of English language proficiency. This program requires proof of CLB scores of 5 in at least 2 categories (with no skill under 4), an overall IELTS score of 4.0 (with no skill below 3.5), or equivalent.

Once admitted, students may be required to write a placement test to determine their current academic standing and placement level in the program.

International applicants must be eligible to apply for a study permit which is valid for 6 months or longer.

Foundation Program - International

Overview

School of Continuing Education
Foundation Program International (https://www.macewan.ca/academics/programs/foundation-program-international/)

Designed for international students, Foundation Program International supports your smooth transition into a post-secondary diploma or degree program.

This program is designed with added student supports and mentorship in order to enhance admissibility to post-secondary programs.

Program Completion

Successful completion of this program prepares students for further post-secondary studies at the undergraduate level. Upon completion of the Foundation Program International, students are required to apply to a degree or diploma program. Completion of this program does not guarantee admission to another program.

Contact Information

T: 780-497-4400
E: preparation@macewan.ca

Program Requirements

Each student in the Foundation Program International is part of a cohort:

Core Class

- Term 1: credit course Foundational 101 (39 hrs) with up to 6 hours of individual mentorship per term

Elective Classes

- Up to 2 English as an Additional Language or University Preparation courses per term to meet admission requirements or for competitive entry to a MacEwan program.
- Up to 1 post-secondary course per term in Open Studies. These courses can be used by students to fulfill elective requirements for MacEwan degrees and diplomas.

The maximum number of hours a student can be enrolled in each term varies between 231 to 360 hours.

Admission Requirements

All applicants must meet an acceptable level of English language proficiency. This program requires proof of successful completion of a standardized language evaluation, such as an overall IELTS score of 5.5 with no skill under 4.5, or equivalent.

Once admitted to the program, students may be required to write a placement test to determine their current academic standing and placement level.

Foundation Program - pimâcihisowin

Overview

School of Continuing Education

MacEwan/PFP (https://www.macewan.ca/academics/programs/foundation-program-pimacihisowin/)

The pimâcihisowin Foundation Program (PFP) is a study program designed to provide students with the skills needed to be successful in a post-secondary diploma or degree.

pimâcihisowin, which means “to create a life of independence” in Cree, is designed to address the gap between your high school credential and the requirements you need to be admitted into a post-secondary diploma or degree program. Geared primarily towards Indigenous students, pimâcihisowin includes cultural support, mentorship and ceremonial events that help you achieve your post-secondary goals.

The PFP is geared primarily towards Indigenous students and offers culturally appropriate education.

Program Completion

Successful completion of this program prepares students for further post-secondary studies at the undergraduate level. Upon completion of the pimâcihisowin Foundation Program, students are required to apply to a degree or diploma program. Completion of this program does not guarantee admission to another program.

Contact Information

T: 780-497-5382
E: kw@macewan.ca

Program Requirements

The pimâcihisowin Foundation Program:

1. Provides Indigenous students the opportunity to meet admission requirements to a diploma-level or baccalaureate-level program
2. Offers students a supportive academic environment and an opportunity to gain transferable skills for a diploma or degree program
3. Includes a pimâcihisowin course, academic/life skills, tutoring and cultural supports throughout the program

Each student will receive:

- Up to 6 hours of individual/group mentorship per term
- a pimâcihisowin orientation (9 hours over 2 days), held prior to classes; the orientation will include university life skills, basic life skills and connections to resources and supports in the City of Edmonton and MacEwan University.
- A minimum of two Indigenous focused non-credit seminars per term, offered through kihêw waciston yearly programming
- Up to three high school equivalent courses per term to fulfill admission requirements or for competitive entry to programs
- Up to nine credits of post-secondary courses over two-to-three terms. These courses can be used by students to fulfill elective requirements.

Admission Requirements

Regular admission

Applicants must have a high school diploma and be 17 years of age by the beginning of the intake term.

Mature admission

Applicants must be 20 years of age or older and have been out of full-time high school for at least 1 year by the beginning of the intake term. High School diploma not required for mature students, but applicants must have a minimum of 50% in English 10-1 or English 10-2 (or equivalent).

University Preparation

Overview

School of Continuing Education
MacEwan.ca/Preparation (http://MacEwan.ca/Preparation/)

University Preparation offers core high school equivalent courses that are prerequisites for entrance to university programs.

Career Potential

University Preparation is an essential first step toward the achievement of a student's career goals. This program allows most students to complete all of their prerequisite high school equivalency courses within a year and move into the university program of their choice.

Contact Information

T: 780-497-4400
E: preparation@macewan.ca

Program Requirements

Code	Title	Credits
BIOL 020	Biology 20	5
BIOL 030	Biology 30	5
CHEM 020	Chemistry 20	5
CHEM 030	Chemistry 30	5
CMSK 011	Computers Level I	5
CMSK 015	Computers Level II	5
ENGL 010-1	English 10-1	5
ENGL 020-1	English 20-1	5
ENGL 020-2	English 20-2	5
ENGL 030-1	English 30-1	5
ENGL 030-2	English 30-2	5
MATH 010R	Mathematics 10 Prep	5
MATH 010C	Mathematics 10 Common	5
MATH 020-1	Mathematics 20-1	5
MATH 020-2	Mathematics 20-2	5
MATH 030-1	Mathematics 30-1	5
MATH 030-2	Mathematics 30-2	5
MATH 031	Mathematics 31	5
PHYS 020	Physics 20	5
PHYS 030	Physics 30	5
SCIE 010	Science 10	5
SCIE 030	Science 30	5
SOST 020-1	Social Studies 20-1	5
SOST 030-1	Social Studies 30-1	5

Not all courses are offered each term. Evening courses have separate start and end dates. Consult the program for further details.

Admission Requirements

Domestic and International students will be required to meet the same requirements.

All applicants must meet an acceptable level of English language proficiency. This program requires proof of successful completion of standardized language evaluation such as CLB scores of at least 6 (with no skill under 6), an overall IELTS score of 6.0 with no skill under 5.0, or equivalent.

Once admitted to the program, students may be required to write a placement test to determine their current academic standing and placement level in the program.

International applicants must be eligible to apply for a study permit which is valid for 6 months or longer.

High School Equivalency Diploma

University Preparation offers a high school equivalency diploma. To qualify, students must present five courses with a minimum grade of "D" at the 30-level. Three of the five courses must be completed in the University Preparation program. Of the five courses required for the equivalency diploma, at least one must be in English (30- level), and one must be in mathematics (30-level). For more information, please contact our office at 780-497-4400

COURSE DESCRIPTIONS

The following section is a complete alphabetical listing of courses for all MacEwan University programs in this academic calendar. Many of the courses are transferable to the University of Alberta and other Alberta universities, university colleges and colleges/ technical institutes. For the most up-to-date transfer information, refer to the Online Alberta Transfer Guide at transferalberta.alberta.ca/ (http://transferalberta.alberta.ca/).

A

- ACCT – Accounting (p. 646)
- ACUP – Acupuncture (p. 648)
- AEPS - Anthropology, Economics and Political Science (p. 652)
- AGAD – Arts & Cultural Management (p. 652)
- ANTH – Anthropology (p. 659)
- ARTE – Fine Art (p. 655)
- ASTR – Astronomy (p. 664)

B

- BCSC – Bachelor of Communication Studies (p. 664)
- BICM – Biochemistry (p. 673)
- BIOL – Biology (p. 674)
- BOTN – Botany (p. 678)
- BUSN – Business (p. 678)

C

- CHEM – Chemistry (p. 680)
- CHIN – Chinese (p. 684)
- CHME – Chemistry (Engineering) (p. 684)
- CLAS – Classics (p. 685)
- CMPT – Computer Science (p. 688)
- CMSK – Computer Skills (p. 692)
- COMP – Comparative Literature (p. 693)
- COOP – Co-operative Education (p. 693)
- CORR – Correctional Services (p. 693)
- COSL – Community Service Learning (p. 695)
- CRWR – Creative Writing (p. 696)
- CYCW – Child and Youth Care (p. 697)

D

- DESN – Design (p. 702)
- DMWP – Disability Management in the Workplace (p. 707)
- DSLC – Disability Studies (p. 708)

E

- EASC – Earth and Planetary Sciences (p. 709)
- ECCS – Early Childhood Curriculum Studies (p. 712)
- ECDV – Early Learning & Child Care (p. 717)
- ECON – Economics (p. 720)
- ECRP – Emergency Communications and Response (p. 724)
- EDUC – Education (p. 725)
- ENCP – Engineering, Computer (p. 725)
- ENGG – Engineering (p. 725)
- ENGL – English (p. 725)
- ENPH – Physics (Engineering) (p. 736)
- ENVS - Environmental Science (p. 736)
- EOPT – ESL Options (p. 736)
- ERDW – ESL Reading and Writing (p. 737)
- ESPL – ESL Listening and Speaking (p. 738)

F

- FNCE – Finance (p. 738)
- FOUN – Foundation (p. 739)
- FREN – French Language (p. 739)

G

- GEND – Gender Studies (p. 741)
- GENE – Genetics (p. 742)
- GERM – German Languages (p. 742)
- GREK – Greek (p. 743)

H

- HAPR – Hearing Aid Practitioner (p. 743)
- HEED – Health Education (p. 745)
- HIST – History (p. 745)
- HLSC – Health Sciences (p. 751)
- HLST – Health Studies (p. 752)
- HRMT – Human Resources (p. 754)
- HSAD – Human Services Administration (p. 756)
- HUMN – Humanities (p. 757)

I

- INDG – Indigenous Studies (p. 758)
- INFM – Library & Information Technology (p. 758)
- INSE – Integration Seminar (p. 759)
- INSR – Insurance Studies (p. 759)
- INTA – Interdisciplinary Studies in the Arts (p. 760)
- INTB – International Business (p. 761)
- INTD – Interdisciplinary Courses (p. 763)

J

- JAPN – Japanese Language (p. 764)

L

- LATN – Latin Language (p. 765)
- LEGL – Legal Studies (p. 765)
- LING – Linguistics (p. 768)

M

- MARK – Marketing (p. 769)
- MATH – Mathematics (p. 771)
- MGMT – Business Management (p. 775)
- MGTS – Management Science (p. 775)
- MSYS – Management Systems (p. 786)

- MTST – Massage Therapy (p. 786)
- MUSC – Music (p. 776)

N

- NEHI – nêhiyawêwin (Cree) (p. 786)
- NURS – Nursing (p. 789)

O

- OAAS – Office Assistant (p. 795)
- OADM – Office Assistant (p. 795)
- OALS – Office Assistant (p. 797)
- OAMS – Office Assistant (p. 797)
- OCCH – Occupational Health (p. 799)
- OOSC – Out of School Care (p. 800)
- ORGA – Organizational Management (p. 800)

P

- PABA – Psychology: Applied Behaviour Analysis (p. 801)
- PACT – Physical Activity (p. 802)
- PBNS – Post-Basic Nursing Studies (p. 803)
- PEDS – Physical Education & Sport (p. 804)
- PERL – Physical Education & Recreation & Leisure Sports (p. 805)
- PESS – Physical Education & Sport Studies (p. 805)
- PHIL – Philosophy (p. 806)
- PHSC – Physical Sciences (p. 810)
- PHSD – Physical Education (p. 810)
- PHYS – Physics (p. 810)
- PMGT – Property Management (p. 814)
- PNRS – Psychiatric Nursing (p. 814)
- POLS – Political Science (p. 816)
- PREL – Public Relations (p. 821)
- PROW – Professional Writing (p. 822)
- PSSC – Police & Investigations (p. 822)
- PSYC – Psychology (p. 825)

S

- SCIE – Sciences (p. 830)
- SCMT – Supply Chain Management (p. 831)
- SOCI – Sociology (p. 832)
- SOST – Social Studies (p. 838)
- SOWK – Social Work (p. 839)
- SPAN – Spanish Language (p. 845)
- STAT – Statistics (p. 848)
- SUST – Sustainability (p. 850)

T

- TAST – Special Needs Educational Asst (p. 850)
- THAR – Music Theatre Performance (p. 852)
- THAS – Therapist Assistant (p. 855)
- THPR – Theatre Production (p. 857)
- TRVL – Travel and Tourism (p. 860)

U

- URBW - Urban Wellness (p. 861)

W

- WINL – Work Integrated Learning (p. 862)
- WRIT - Writing (p. 862)

Z

- ZOOL – Zoology (p. 862)

Course Description Information

Each MacEwan University course listed in this section has information that all students need to know. The legend provides an explanation for each element included in the course description.

Course Hours

Course hours are represented using either a weekly or total hour format. Weekly hour format is based on a regular fall or winter term as indicated in the Academic Schedule. Both formats use the same three digits – lecture, lab, and other course hours. The method of display – “Weekly” or “Total” is identified before the hours as shown below:

Weekly (a-b-c) or Total (a-b-c):

a) Hours assigned to lecture
b) Hours assigned to lab
c) Hours assigned to other forms of instruction such as seminar, clinical, co-op
placement, field placement, practicum, and/or research hours

Course hours do not reflect the offering pattern(s) for specific courses in a given term. Student timetables, available on class registration, clearly indicate the date, time and duration of classes.

Normally, a 3 credit course in the fall or winter term is offered over a 13 week instructional period, for 3 hours a week. The most common offering patterns for courses in these terms are 1 hour per day on a Monday, Wednesday and Friday (MWF) pattern, or 1.5 hours per day on a Tuesday, Thursday (TR) pattern. Courses with lab components will have additional weekly hours. Courses offered over a shorter period of time will be scheduled for more hours per week. While this describes the duration of many classes, there are exceptions such as clinical placements and practica. Student timetables, available on class registration clearly indicate date, time and duration of classes.

ACCT – Accounting

ACCT 100
Introduction to Accounting and Computerized Accounting Applications
3 Credits Weekly (3-0-0)
This is a basic financial accounting course in which students explore the introductory principles, concepts and applications of accounting. Through an overview of the nine step accounting cycle, students demonstrate the full range of processes from the initial recording of transactions to the creation of financial statements and reports. Students record transactions manually, and then electronically using an industry standard software package(s).

ACCT 101
Financial Accounting I
3 Credits Weekly (3-0-0)
Students are introduced to fundamental accounting principles, concepts and techniques. The course provides an overview of the accounting cycle from the initial recording of transactions through to the preparation of financial statements for merchandising and service businesses that are organized as proprietorships, partnerships or corporations. Internal controls for cash, calculating and recording of payroll, sales taxes and some alternate inventory cost flow assumptions are other topics that are examined in detail. Note: Credit can only be obtained in one of ACCT (p. 646)101 or ACCT111.

ACCT 201
Financial Accounting II
3 Credits Weekly (3-0-0)
Students learn and apply the recording and reporting requirements for receivables, non-current assets, current and non-current liabilities, and investments. There is an emphasis on accounting for corporations and how to account for dividends. Students prepare comprehensive income statements, statement of shareholders equity, and statement of retained earnings. Students learn how to account for various transactions using IFRS and ASPE. Students learn how to prepare a cash flow statement and are introduced to financial statement analysis and financial ratios. Note: Credit can only be obtained in one of ACCT (p. 646)201, ACCT311 or ACCT161.
Prerequisites: ECON 101 and a minimum grade of C- in ACCT 101.

ACCT 207
Accounting Software
3 Credits Weekly (3-0-0)
Students record business transactions during all steps of the accounting cycle using multiple accounting software packages (information systems). Students create financial statements, generate reports, compare multiple accounting information systems and make recommendations. Note: Credit can only be obtained in one of ACCT (p. 646)207 or ACCT164.
Prerequisites: ACCT 101.

ACCT 228
Income Tax Software
3 Credits Weekly (3-0-0)
This hands-on course introduces students to the preparation of personal tax returns (T1) and corporate tax returns (T2), including the documentation and schedules related to T1 and T2 preparation. Students gain an understanding of the concepts underlying income tax legislation. This course also provides a brief introduction to the Goods and Services Tax (GST). The explicit use of taxation software is expected in this course. Note: Credit can only obtained in one of ACCT (p. 646)228 or ACCT162.
Prerequisites: ACCT 101.

ACCT 311
Introductory Accounting
3 Credits Weekly (3-1-0)
Students are introduced to the preparation, use, and interpretation of financial statements. Emphasis is on reporting to users of financial statements, such as shareholders, creditors, and other external decision makers. The course covers the accounting cycle, accounting principles and standards with an emphasis in the comparison between IFRS and ASPE, the accounting process and balance sheet preparation, revenue recognition and income measurement, cash flow analysis, financial ratios and financial performance, ethics and an introduction to data analytics.
Prerequisites: ECON 101.

ACCT 315
Intermediate Financial Accounting I
3 Credits Weekly (3-0-0)
This is the first of two intermediate financial accounting courses that emphasize the preparation and analysis of financial statements for external users in accordance with International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprises (ASPE). This course focuses on a detailed analysis of accounting for current and non-current assets, financial statement preparation and analysis, and revenue recognition.
Prerequisites: Minimum grade of C- in ACCT 201 or ACCT 161, or a minimum grade of C- in both FNCE 301 and ACCT 311.

ACCT 316
Intermediate Financial Accounting II
3 Credits Weekly (3-0-0)
This is the second of two intermediate financial accounting courses that emphasize the preparation of financial statements for external users in accordance with current reporting standard, International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprise (ASPE). This course provides an in-depth examination of accounting for liabilities, owners' equity and cash flow, including accounting for complex accounting situations.
Prerequisites: Minimum grade of C- in ACCT 315.

ACCT 322
Managerial Information and Control Systems
3 Credits Weekly (3-0-0)
Students focus on how to prepare and use managerial accounting information for management decision-making. Major topics include: product costing, cost-volume-profit analysis, budgeting, and relevant costs in decision-making.
Prerequisites: ACCT 311 or ACCT 161 or ACCT 201.

ACCT 324
Intermediate Management Accounting
3 Credits Weekly (3-0-0)
Students enhance and expand upon the concepts and tools acquired in prerequisite courses aimed at costing products, services and processes and developing and analyzing data to support business decisions. Topics include cost allocation procedures in a process costing environment, service departments, and a joint production environment. They also include budgets, standard costing and variances, data analysis and decision support for strategic and operational decisions.
Prerequisites: MGTS 103 OR STAT 151 OR STAT 161 and a minimum grade of C- in either ACCT 322 or ACCT 218.

ACCT 328
Income Tax Fundamentals
3 Credits Weekly (3-0-0)
Students build on concepts learned in in introductory financial accounting and microeconomics in the study of the fundamentals of the Canadian Income Tax System. Topics covered include the identification of the sources of income and how they are taxed, the computation of net income, taxable income and taxes payable for individuals resident in Canada and personal tax planning.
Prerequisites: Minimum grade of C- in one of ACCT 311 or ACCT 201.

ACCT 330
Introduction to Data Analytics in Accounting
3 Credits Weekly (3-0-0)
This course introduces students to the basics of data analytics in accounting. Students learn how to apply data analytics tools and techniques to explore accounting concepts in a course that has a hands-on approach. By using data visualization software, students learn how to analyze data, visually communicate their results and use these results to support decision-making. This course enables students to develop an analytical mindset, along with analytical skills that are critical to meet the current demands of the accounting profession. Note: Credit can only be obtained in one of ACCT (p. 646)330 or ACCT214.
Prerequisites: MGTS 103 and MGTS 113 and a minimum of C- in either ACCT 322 or ACCT 218.

ACCT 366
Government and Not-for-Profit Accounting
3 Credits Weekly (3-0-0)
Students gain an understanding of the mission requirements of Not-For-Profit (NFP) and Government entities which result in differences between traditional IFRS or ASPE accounting, and NFP & Government accounting. Students develop more in-depth knowledge about the legislative process at the municipal, provincial and federal government level, and at the Board level of NFP organizations. Students develop the ability to prepare NFP and Government financial statements which includes the disclosure of issues such as fund accounting and accounting for endowments. Students may also have the opportunity to volunteer with a local NFP organization and take part in Community Engaged Learning.
Prerequisites: ACCT 311 or ACCT 201 or ACCT 111 & ACCT 161 Minimum grade of C- is required in all prerequisite courses.

ACCT 410
Financial Accounting - Advanced
3 Credits Weekly (3-0-0)
Building on concepts and tools acquired in previous coursework, students examine the complex concepts and practices of financial reporting in a variety of operating environments including publicly traded enterprises in a multinational environment. The course topics include accounting for financial instruments, inter-corporate investments and business combinations, foreign currency, and alternative business forms. NOTE: A student may receive credit for only one of ACCT 410 and ACCT 351.
Prerequisites: Minimum grade of C- in ACCT 316.

ACCT 412
Financial Accounting Theory
3 Credits Weekly (3-0-0)
Students explore major concepts in a theoretical approach to accounting. Topics include: the conceptual framework of accounting, the role of accounting in the economy, links between income and value, standard setting and other current issues. Note: A student may receive credit for only one of ACCT 412 and ACCT 391.
Prerequisites: Minimum grade of C- in ACCT 315.

ACCT 422
Management Accounting - Advanced
3 Credits Weekly (3-0-0)
Students use concepts and tools acquired in prerequisite courses as a foundation to address senior level performance evaluation and management within the context of an organization's strategy including a critical analysis of current practices. Critical thinking and communication skills are emphasized through analysis of cases and current topics. Topics include the nature of management and management accounting system support for strategy, organizational behavior and goal congruence including incentives and compensation, organizational design including management and management accounting systems support, financial and non-financial performance measurement systems including the alignment to strategy and financial and operational forecasting and analysis. NOTE: A student may receive credit for only one of ACCT 422 and ACCT 358.
Prerequisites: minimum grade of C- in ACCT 324.

ACCT 428
Advanced Corporate Taxation
3 Credits Weekly (3-0-0)
This course builds upon income tax concepts and principles covered in ACCT 328 to the taxation of corporations resident in Canada. Topics include the Goods and Services Tax (GST), calculation of net income and taxable income for a corporation resident in Canada, taxation of investment income earned by a private corporation resident in Canada, refundable taxes, shareholder benefits, owner-manager remuneration, transfer of property to corporations, corporate reorganizations, purchase or sale of a business, and anti-avoidance tax provisions. This course also includes tax planning for corporate taxpayers in complex situations.
Prerequisites: Minimum grade of C- in ACCT 328.

ACCT 430
Accounting Information and Systems Support
3 Credits Weekly (3-0-0)
Students examine accounting system needs, design, implementation and maintenance in a variety of organizational settings with the aim of providing the information necessary to support strategic initiatives and statutory reporting requirements. Students construct a representative model to improve the functioning of accounting and related information systems. NOTE: A student may receive credit for only one of ACCT 430 and ACCT 275.
Prerequisites: MSYS 200 and minimum grade of C- in ACCT 322.

ACCT 442
Auditing
3 Credits Weekly (3-0-0)
This course focuses on the concepts and principles of auditing (assurance) including audit objectives, analytical procedures including sampling techniques, internal control, materiality, control risk and planning; and preparation of audit working papers. The comprehensive and systems audit approaches are also addressed.
Prerequisites: Minimum grade of C- in ACCT 315.

ACCT 450
Data Analytics Applied to Accounting
3 Credits Weekly (3-0-0)
This course is designed to develop an analytical mindset and prepare students with the tools and techniques necessary to perform data analytics applied to accounting. Students apply data analytics to different accounting contexts, such as Audit analytics, managerial analytics, financial statements analytics, tax analytics, and financial analysis analytics. The course is focused on the principle of practice based-learning with an emphasis on data visualization and results communication.
Prerequisites: ACCT 324 and MGTS 312.

ACCT 493
Integrated Case Studies in Accounting
3 Credits Weekly (3-0-0)
This course is designed to offer students experience in integrated case analysis that will help them in applying the subject matter they have learned in various courses to real life situations. Students apply accounting, finance, strategy and governance knowledge in order to provide recommendations and conclusions for real-world business simulations and case studies.
Prerequisites: Minimum grade of C- in ACCT 316 or ACCT 261, ACCT 328 or ACCT 392, FNCE 301 or ACCT 255, ACCT 318 or ACCT 324 (ACCT 350 or ACCT 442 are strongly recommended for this course).

ACCT 497
Special Topics in Accounting
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Accounting and Finance for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level ACCT *(*p. 646*) course and consent of the department chair or designate.*

ACCT 498
Independent Studies in Accounting
3 Credits Weekly (0-0-3)
In consultation with and supervised by a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of accounting. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance accounting knowledge or practice. Note: This course can be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

ACCT 499
Honours Thesis - Accounting
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.
Prerequisites: BUSN 396, BUSN 397 and BUSN 496.

ACUP – Acupuncture

ACUP 101
Meridian Systems and Acupuncture Points I
3 Credits Weekly (2-1-0)
Through a combination of lecture, demonstration, and practice, students learn methods of locating acupuncture points in relation to anatomical landmarks and body measurements. Students also learn the concepts of meridians, channels and collaterals, and acupuncture point energetics.
Prerequisites: HLSC 104, ACUP 127.

ACUP 103
Meridian Systems and Acupuncture Points II
3 Credits Weekly (2-1-0)
Through a combination of lecture, demonstration, and practice, students learn the surface anatomy of the regular meridians and collaterals of the three hand-yin and three hand-yang meridians. This includes learning the location of acupuncture points along the meridians, as well as their divergent channels, internal pathways, and extra points. Students also learn the concept of cyclical flow in the meridians and acupoint energetics. This course is a continuation of Meridian Systems and Acupuncture Points I.
Prerequisites: ACUP 101.

ACUP 104
Diagnostics in Traditional Chinese Medicine
3 Credits Weekly (3-0-0)
Students learn diagnostic methods and skills according to the principles of Traditional Chinese Medicine (TCM). Patient assessment skills used in modern TCM, including the Four Methods of Diagnosis, are explained and practiced.
Prerequisite: ACUP 127.

ACUP 105
Introduction to Qi Gong and Tui Na
1 Credit Weekly (1-1-0)
Qi Gong and its value in the practice of Traditional Chinese Medicine is discussed and students are introduced to basic methods of Qi Gong which includes the traditional methods of moving and tonifying Qi. Students also become familiar with basic principles of Tui Na, a style of Chinese manipulations using non-invasive techniques for therapeutic and relaxation purposes.

ACUP 106
Medical Terminology
1 Credit Weekly (1-0-0)
This course provides an introduction to both bio-medical and Traditional Chinese medical (TCM) terminology. Topics in this course include an introduction to the use of terminology related to health, organ systems, environmental influences, and disease.

ACUP 108
Clinical Observation I
1 Credit Total (0-0-30)
As the first session of clinical observation, students have the opportunity to witness all facets of patient care, diagnosis and treatment providing the link between theoretical studies and practical clinical application. Students become familiar with all aspects of clinic operation, procedures and patient visits.
Prerequisites: ACUP 104.

ACUP 110
Meridian Systems and Acupuncture Points III
3 Credits Weekly (2-1-0)
Through a combination of lecture, demonstration, and practice students learn the surface anatomy of the regular meridians and collaterals of the three foot-yang and three foot-yin meridians. This includes learning the location of acupuncture points on these meridians, as well as their divergent channels, internal pathways, and extra points. Students also learn the concept of cyclical flow in the meridians, and acupoint energetics. This course builds on skills acquired in Meridian Systems and Acupuncture Points I.
Prerequisites: ACUP 101.

ACUP 111
Diagnostics in Traditional Chinese Medicine II
3 Credits Weekly (3-1-0)
Students examine the physical, anatomical and energetic aspects of meridian-based physical assessment used in Traditional Chinese Medicine (TCM). Students learn the therapeutic use of the tendino-muscular pathways and the divergent or distinct channels. Students also develop their palpation skills and explore its importance in clinical practice.
Prerequisites: HLSC 104, ACUP 104 and ACUP 101.

ACUP 112
Traditional Chinese Medicine Internal Therapeutics I
2 Credits Weekly (2-0-0)
Students explore various conditions that may appear as a result of dysfunction of the digestive system and how these conditions are assessed, diagnosed and treated using the Traditional Chinese Medicine (TCM) system.
Prerequisites: ACUP 101 ACUP 104 and ACUP 119.

ACUP 113
Clinical Observation and Practice I
1 Credit Total (0-0-60)
This second clinical observation course builds upon the skills learned in Clinical Observation I. Students gradually become more involved with the patient intake process and other clinic procedures.
Prerequisites: ACUP 108.

ACUP 114
Introduction to Research Methodology
2 Credits Weekly (2-0-0)
This course examines the basic concepts and methodologies that are used in modern acupuncture and Traditional Chinese Medicine research. Specific difficulties in applying a commonly used research format for evidence-based practices to the complex, unique practice of Traditional Chinese Medicine are discussed.

ACUP 115
Qi Gong and Tui na II
2 Credits Weekly (2-1-0)
In this course, students build on foundational concepts, and practice more advanced techniques of Qi Gong as preparation for self discipline and mind cultivation. Tui na and Oriental body work are also covered in detail. The application of specific Tui na techniques in a wide variety of pathological conditions is explored and students learn when these techniques from Traditional Chinese Medicine are integrated in the practice of acupuncture.
Prerequisites: ACUP 105.

ACUP 116
Traditional Chinese Medicine Diagnostics Lab
1 Credit Weekly (1-1-0)
The distinct diagnostic methods used to assess patterns of disharmony in Traditional Chinese Medicine (TCM) require practical skills that can only be obtained through practice. During this course, students practice and apply the procedures involved in the Four Pillars of diagnosis in Chinese Medicine. These competencies provide the framework for 'soft skills' employed during patient intake and interview, as well as critical thinking as it relates to interpretation of clinical data.
Prerequisites: ACUP 104.

ACUP 117
Foundations of Traditional Chinese Medicine
4 Credits Weekly (4-0-0)
Students study the history and evolution of Eastern philosophical ideas which shaped health practices and Traditional medicine in China over the course of some 3000 years. This course introduces fundamental concepts in Traditional Chinese Medicine (TCM) such as: the vital substances of the body, five phase theory, external and internal causes of disease, as well as the zang-fu organ system and the meridian-collateral system.

ACUP 119
Foundations of Traditional Chinese Medicine II
3 Credits Weekly (3-0-0)
Students focus on assessment and description of pathology based on diverse diagnostic systems that are typical to Traditional Chinese Medicine (TCM). Students learn how to differentiate disease patterns by studying theories of Zang Fu organs, Qi, blood and body fluids, the Eight Principles, the six stages and four levels of disease, and San Jiao.
Prerequisites: ACUP 127.

ACUP 124
Introduction to Medical Microbiology
3 Credits Weekly (3-0-0)
In this course, students learn the basic principles of medical microbiology and the pathogenesis of infectious disease and of clinically important microbial pathogens including bacteria, viruses, parasites and fungi. Students learn how microorganisms function in disease. A brief history of microbiology, epidemiology, body defence mechanisms and aseptic techniques are also discussed.
Prerequisites: Biology 30.

ACUP 127
Foundations of Chinese Medicine I
3 Credits Weekly (3-0-0)
Students are introduced to the history, development, and evolution of philosophical ideas and concepts which shaped health practices and Traditional medicine in China over the course of 2500 years. This course examines concepts fundamental to Acupuncture and Traditional Chinese Medicine (TCM) such as: the vital substances of the body, five-phase theory, external and internal causes of disease, as well as the zang-fu organ system.

ACUP 200
Acupuncture Safety and Traditional Chinese Medicine Modalities I
3 Credits Weekly (2-2-0)
Concepts of infection prevention control and clean needle technique are covered. Traditional Chinese Medicine's basic clinical modalities are taught: acupuncture needling, cupping, gua sha, and moxibustion.
Prerequisites: ACUP 101, ACUP 127.

ACUP 201
Extra Meridians & Microsystems
2 Credits Weekly (2-1-0)
This course introduces the eight extra meridians theory and acupuncture points. The application of the theory in the clinic is discussed.
Prerequisites: ACUP 101, ACUP 103 and ACUP 110.

ACUP 203
Therapeutic Principles of Acupuncture, Point Selection and Combination
2 Credits Weekly (2-0-0)
Students explore the theoretical and practical principles that are used to formulate an acupuncture point prescription. The meaning of acupuncture point energetics and the synergy between specific points are explained. This course also covers how the acupuncturist can adjust and customize basic point combinations to the patient's actual signs, symptoms, and conditions. The therapeutic principles and mechanism of acupuncture from both the Traditional Chinese Medicine (TCM) and conventional medicine perspectives are discussed.
Prerequisites: ACUP 101, ACUP 119, ACUP 104.

ACUP 204
Traditional Chinese Medicine Internal Therapeutics II
3 Credits Weekly (3-0-0)
Students explore the various conditions that may appear as a result of dysfunction of the respiratory, cardiovascular systems, as well as psychological disorders. The course also covers how these conditions are assessed, diagnosed and treated according to Traditional Chinese Medicine (TCM).
Prerequisites: ACUP 101, ACUP 104 and ACUP 119.

ACUP 205
Traditional Chinese Medicine Modalities I
1 Credit Weekly (1-1-0)
Students are introduced to the various techniques used in Traditional Chinese Acupuncture such as needling, cupping, moxibustion, gua sha and explains appropriate therapeutic use of these techniques in clinical practice. The techniques of needle stimulation, such as tonification and sedation techniques, and safety and routine practices are also covered.
Prerequisites: ACUP 101.

ACUP 206
Traditional Chinese Medicine Nutrition, Lifestyle and Zhong Yao
3 Credits Weekly (3-0-0)
Topics in this course include the history of Chinese nutrition, basic principles of nutrition from a Chinese energetic perspective, the use of specific foods for therapeutic purposes and the role that nutrition and lifestyle play in the overall maintenance of health in an individual. A generalized overview of the energetic properties of Chinese herbs is also discussed including an introduction to Chinese herbology.
Prerequisites: ACUP 101, ACUP 103, ACUP 104, ACUP 110, ACUP 119 and ACUP 201.

ACUP 208
Clinical Observation and Practice II
2 Credits Total (0-0-120)
The course focuses on all facets of patient care related to noninvasive techniques and therapeutic modalities. Professional behavior, attitudes, patient management and communication are discussed. Foundational principles of Traditional Chinese Medicine and universal safety and hygiene precautions used in the treatment of patients are applied.
Prerequisites: ACUP 113.

ACUP 209
Internal Medicine
3 Credits Weekly (3-0-0)
Students examine the pathological conditions which may affect the various systems of the body. Assessment and therapeutic principles are outlined for the digestive, circulatory, respiratory and urogenital systems. With an understanding of the disease process, western assessment and therapeutic models, students develop communication, team work and referral skills necessary when collaborating with other health care professionals.
Prerequisites: HLSC 104, MTST 126.

ACUP 210
Traditional Chinese Medicine Modalities II
3 Credits Weekly (1-2-0)
Students further expand their skills and knowledge of acupuncture techniques built in Modalities 1. More advanced techniques, such as electro-acupuncture and scalp acupuncture are covered, as well as less commonly used techniques, like plum blossom needling, are explained, demonstrated, and practiced in class. Safety and infection prevention control practices are reinforced.
Prerequisites: ACUP 101, ACUP 205.

ACUP 211
Traditional Chinese Medicine Internal Therapeutics III
3 Credits Weekly (3-0-0)
Students explore various pathological conditions that may occur in gynecology and obstetrics based on the theory of Traditional Chinese Medicine (TCM). Students learn to do assessment, diagnosis and form appropriate treatment strategies for these conditions according to the theory of TCM.
Prerequisites: ACUP 101, ACUP 104 and ACUP 119.

ACUP 213
Traditional Chinese Medicine External Therapeutics I
3 Credits Weekly (3-0-0)
Students study musculoskeletal disorders including muscle pain, joint and bone pain resulting from arthritis, injuries and other reasons. For each disorder, etiology, diagnosis and treatment according to Traditional Chinese Medicine (TCM) are discussed. The concepts of Bi Syndrome and Wei Syndrome, including assessment, diagnosis, and treatment are also covered.
Prerequisites: ACUP 101, ACUP 104 and ACUP 119.

ACUP 214
Clinical Case Studies I
1 Credit Weekly (1-0-0)
This course is the first in a series of courses focusing on relevant clinical situations from a TCM perspective. Students learn the structure, format, and purpose of long-form versus short-form case studies. Students further develop and enhance critical thinking and decision making skills related to differential diagnosis and treatment planning.
Prerequisites: ACUP 101, ACUP 104, ACUP 119.

ACUP 215
Internship I
1 Credit Total (0-0-60)
In this first internship, students conduct an assessment and formulate an accurate Traditional Chinese Medicine (TCM) diagnosis in collaboration with a supervisor. Students develop and implement treatment plans using a variety of clinical techniques. Students develop skills in the following areas: appropriate communication with patients, professional behaviour, and proper documentation.
Prerequisites: ACUP 101, ACUP 103, ACUP 110, ACUP 205, ACUP 208 and ACUP 210.

ACUP 216
Traditional Chinese Medicine External Therapeutics II
2 Credits Weekly (2-0-0)
The second course of External Therapeutics focuses on the use of TCM for neurological conditions such as Parkinson's disease, facial paralysis, trigeminal neuralgia, and proctological, dermatological disorders including hemorrhoids, urticaria, acne, dermatitis, eczema. Disorders of the mouth, eye, ear, nose and throat such as tinnitus, deafness, otitis media, tonsillitis, laryngitis, myopia and toothache are also covered. For each disorder, definition, etiology, pathology, diagnosis, differentiation and treatment according to TCM are discussed.
Prerequisites: ACUP 101, ACUP 104 AND ACUP 119.

ACUP 218
Professional Ethics and Acupuncture Regulations
1 Credit Weekly (1-0-0)
In this course, students gain knowledge and an appreciation of issues related to standards of practice, professional code of ethics, professional boundaries, as well as matters of jurisprudence in the regulation of acupuncture in Alberta. A variety of complex clinical situations are explored such as conflicts of interest, boundary crossings, and privacy legislation. Students also learn how acupuncturists are regulated in Canada and, more specifically, in Alberta.

ACUP 219
Clinical Case Studies II
2 Credits Weekly (2-0-0)
This is the second in a series of courses focusing on relevant clinical presentations. Students present cases from their clinical experience and discuss them with the class and instructor.
Prerequisites: ACUP 214.

ACUP 220
Internship II
2 Credits Total (0-0-140)
Building on the first internship, students continue to make appropriate assessments and proceed with an accurate Traditional Chinese Medicine (TCM) diagnosis with the assistance of the supervisor(s), ensuring appropriate patient charting and contributing actively to the treatment of patients, using appropriate clinical techniques. Students gradually take more initiative in the complete treatment of the patient.
Prerequisites: ACUP 215.

ACUP 221
Traditional Chinese Medicine Internal Therapeutics IV
3 Credits Weekly (3-0-0)
Students explore urogenital disorders, reproductive system disorders, endocrine disorders, auto-immune disorders, infectious diseases, and pediatric disorders . Students learn appropriate assessment diagnosis and treatment strategies for these disorders according to the theory of Traditional Chinese Medicine (TCM).
Prerequisites: ACUP 101, ACUP 104 and ACUP 119.

ACUP 222
Qi Gong and Tui na
3 Credits Weekly (3-2-0)
The theory and practice of Qi Gong and its use as a method of self-care in the practice of Traditional Chinese Medicine are introduced to students. The theory, principles, and basic techniques Tui na tissue manipulation are also discussed and practiced for integration into a professional acupuncture clinical environment.

ACUP 303
Internship III
2 Credits Total (0-0-140)
During the third internship, students become more independent in the clinical practice of acupuncture. Students are responsible for developing short-term and long-term treatment plans, preparing case studies and investigating advanced topics.
Prerequisites: ACUP 220.

ACUP 304
Internship IV
2 Credits Total (0-0-80)
This is the final clinical phase of internship where the senior intern applies the Traditional Chinese Medicine (TCM) knowledge and skills necessary to work independently and successfully in an acupuncture clinic.
Prerequisites: ACUP 303.

ACUP 305
Practice Management and Professional Entry Requirements
3 Credits Weekly (3-0-0)
Students prepare for the business and operational aspects of the acupuncture profession. Topics covered include areas such as business planning, start-up, and operations of a professional clinic, as well as communication skills for interdisciplinary healthcare. Best practices and policies related to working with case loads for the Workers' Compensation Board or motor vehicle accidents are reviewed.

ACUP 311
Acupuncture Safety Course (Clean Needle Technique)
1 Credit Weekly (1-0-0)
This course prepares students to practice acupuncture safely based on Alberta and international standards. It covers information and practice on hygiene, infection prevention, and risk management in an acupuncture clinic.

ACUP 312
Herbology for Acupuncturists
2 Credits Weekly (2-0-0)
This course covers the fundamental principles of Chinese herbology including the system of qualification and classification of medicinal substances unique to Chinese medicine. This system is juxtaposed to basic plant pharmacology and modern pharmaceutical compounds derived from Chinese herbs. The course provides an overview of Chinese herbal formulas commonly prescribed to patients who visit an acupuncture clinic. The information is presented at an introductory level providing practical information that is essential to an acupuncturist.
Prerequisites: ACUP 119.

ACUP 314
Clinical Case Studies in Chinese Medicine
3 Credits Weekly (3-0-0)
In the context of Traditional Chinese Medicine theory and practice, students learn the structure, format, and purpose of analyzing and developing both long-form versus short-form case studies. Students further develop and enhance critical thinking and decision making skills related to differential diagnosis and treatment planning.
Prerequisites: ACUP 119, ACUP 104, ACUP 210.

ACUP 320
Pharmacological Therapy
3 Credits Weekly (3-0-0)
In this course, students learn a brief history of pharmacology, drug classifications and the foundation of pharmacodynamic and pharmacokinetic principles. Examples from specific drug classes are used to illustrate how the principles involved in pharmacotherapeutics need to be included in professional practice. Brief scenarios are used to integrate pharmacology with the clinical setting. Safe, evidence-based practice, indications for use, therapeutic and adverse effects, assessment and patient/client education are emphasized. Drug-herbal interaction, political, legal, ethical, social and economic factors are discussed with regards to medications and health.
Prerequisites: ACUP 124, MTST 126.

AEPS - Anthropology, Economics and Political Science

AEPS 497
Anthropology, Economics, and Political Science Colloquium
3 Credits Weekly (0-0-3)
This colloquium is a topical seminar designed to enhance students' experience with the liberal arts intellectual tradition of interdisciplinary exchange of ideas. Each semester, a single theme will be chosen that has relevance to Anthropology, Economics, and Political Science. Together, students and faculty members from all three disciplines will explore this topic through lively, respectful exchange of ideas and interpretations of the theme.
Prerequisite: Third-year standing, and a minimum grade of C- in 6 credits of any combination of ANTH *(*p. 659*),* ECON *(*p. 720*),* POLS *(*p. 816*), or permission of the Department.*

AGAD – Arts & Cultural Management

AGAD 100
Foundations of Arts and Cultural Management
3 Credits Weekly (3-0-0)
In this course students examine critical issues and trends facing cultural managers today. Students examine the breadth and diversity of the sector, various organizing models and methods, the contributions of the sector to the Canadian economy and the role of art and culture in society. Students also examine significant historical events that influenced the development of the arts in Canada and explore the challenges inherent in balancing the needs of funders, artists and patrons.

AGAD 105
Accounting in Arts and Cultural Management
3 Credits Weekly (3-0-0)
In this course, students prepare, record and interpret financial information used in decision making. Students practice accounting procedures, prepare statements and reports for analysis and examine differences in the accounting practices of not-for-profit, charitable and for-profit arts and cultural organizations.

AGAD 107
Computer Applications in Arts and Cultural Management
3 Credits Weekly (3-0-0)
Students develop foundational skills in the software applications commonly used by the arts manager including the features, functions and efficiencies of spreadsheet, database, word processing, publishing and presentation software. Producing a range of documents, students focus on readability, visual appeal, form and function, and file management in each application. Projects combine skill development with the ability to connect these applications to subsequent work in the program. Note: Credit can be obtained in only one of AGAD 107 or MGTS 107.

AGAD 112
Introduction to Audience and Resource Development
3 Credits Weekly (3-0-0)
Students explore principles of marketing and fund development and examine how these concepts are used to shape communications and resource development initiatives in the cultural sector. Other topics include various methods of relationship building with audiences for a variety of resource development goals focusing on earned and contributed revenue.

AGAD 120
Managing and Leading in Arts and Culture
3 Credits Weekly (3-0-0)
In this course, students study the principles of management and discuss the complexities of leading in the arts, heritage and cultural sector. Students examine and reflect on the influences of personality type, perception, stress and motivation on interpersonal effectiveness and the impact of power, politics, change and organizational culture on the organization. Note: Credit can be obtained in only one of AGAD 120 OR AGAD 320.
Prerequisites: AGAD 100.

AGAD 122
Applied Audience and Resource Development
3 Credits Weekly (3-0-0)
In this course students research and discuss potential funding and marketing tools and strategies utilized in the cultural sector. Students also develop key messages and plan for the development and use of marketing and fund development tools in various formats and media for a variety of audiences.
Prerequisites: AGAD 112.

AGAD 123
Human Resources in Arts and Cultural Management
3 Credits Weekly (3-0-0)
This course examines the human resources of cultural organizations—the role of boards of directors, volunteers, and paid staff—and teaches the skills necessary to build successful relationships among these groups. Emphasis is placed on the governance function of the board, as well as on the processes of recruitment, selection, orientation and training, motivation and engagement, and termination and transition for all three groups. Learning activities will examine policy development, common practices in human resources management, and how boards, staff, and volunteers work together strategically to advance the work of cultural organizations.

AGAD 203
Introduction to Project Management in Arts and Culture
3 Credits Weekly (3-0-0)
In this course, students develop practical strategies for project planning in an arts and cultural environment. Students focus on the roles and responsibilities of a project manager and the components of a comprehensive project plan including identifying the scope of the project, milestones, resources, communication needs, budget and project evaluation.
Prerequisites: AGAD 120 or AGAD 320, or for non-AACM students, completion of 60 credits.

AGAD 209
Publicity and Media Relations in the Arts
3 Credits Weekly (3-0-0)
In this course, students investigate the importance of publicity and media relations in the arts and cultural sector. Students research, write and edit media tools including media releases, public service announcements, media kits, photocall/op notices and media invitations. They also prepare and plan media strategies including media events, media lists, angles and pitches and develop a publicity campaign with a focus on building relationships with audiences via the media.

AGAD 223
Applied Project Management in Arts and Culture
3 Credits Weekly (3-0-0)
In this course students collaborate with an arts or cultural organization or artist to complete a project of mutual interest. Drawing on the skills developed in previous courses, students review the principles of project management planning, develop a project plan, and where possible execute the plan and evaluate the results.
Prerequisites: AGAD 203.

AGAD 225
Performing Arts Management
3 Credits Weekly (3-0-0)
In this course students analyze performing arts management in terms of space, audiences, content, performances, artists and staff. The course will address live arts, opportunities, risk management, and responsible practice in the Canadian performing arts sector. Note: Credit can be obtained in only one of AGAD 225 OR AGAD 125.

AGAD 226
Museum and Gallery Management
3 Credits Weekly (3-0-0)
Students examine the functional role of institutions such as museums, public galleries, commercial galleries, art foundations, and artist-run centres, among others; and, their various organizational structures and public programming. Students also explore issues and trends in collections and exhibitions management and learn how to develop mandates, policies, procedures and programming plans. Note: Credit can be obtained in only one of AGAD 226 OR AGAD 126.

AGAD 227
Managing in the Music Industry
3 Credits Weekly (3-0-0)
In this course, students examine the complex role of the artist manager including key competencies required to be successful in the field; contract terms and the legal language of agreements; and an overview of the Canadian music industry. Students also explore the manager's role in developing the artist's career, including critical artist assessment skills; recording; physical and streaming distribution, touring, branding; merchandising; marketing; funding and how to establish a career as a competent and ethical manager.

AGAD 229
Work Integrated Learning Preparation
0 Credits Total (20-0-0)
Through classroom workshops and meetings with the instructor, this course provides the preparation that students need to secure an appropriate and meaningful placement within the arts and cultural sector. Students set learning goals, develop professional resumes, hone their interview skills and research, and interview with potential host organizations. Note: Credit can be obtained in only one of AGAD 229 OR AGAD 429.

AGAD 230
Independent Study
3 Credits Total (45-0-0)
In this capstone course, students write a major research paper on a topic of interest or complete a comprehensive independent project. Students prepare a project or research proposal early in the term to ensure that the work is of sufficient depth and breadth and then proceed to complete the project plan or research or to write the final paper.
Prerequisites: AGAD 120 or AGAD 320.

AGAD 232
Advanced Audience and Resource Development
3 Credits Weekly (3-0-0)
Students apply advanced techniques and strategies related to marketing and fund development in the cultural sector. Working with an organization in the community, students engage in audience research to identify consumer trends and audience preferences and use this information to prepare a comprehensive audience and resource development plan for the organization.
Prerequisites: AGAD 122.

AGAD 235
Work Integrated Learning
6 Credits Total (0-0-295)
Students complete a full-time supervised workplace learning experience where they apply and test their arts management skills and knowledge. Students choose from a wide range of potential placements and work in a variety of arts management functions including marketing, fund development, volunteer and/or event management, publicity, and general arts administration. A series of seminars are held concurrently with the placement in which best practices and arts management principles are revisited in the context of students' real-world field placement assignments. In addition to providing opportunities to examine and reflect upon workplace learning, these seminars include career preparation activities. Note: Credit can be obtained in only one of AGAD 235 or AGAD 435.

AGAD 240
Event Management
3 Credits Weekly (3-0-0)
Cultural and community events are integral to community life and events management has grown into an industry within arts management. Students examine the phenomenon and situate cultural events in context – community, quality of life, economic and political. The complexities of events management, including risk management, are the focus of this course.
Prerequisites: AGAD 120 and AGAD 122, or for non-AACM students, completion of 60 credits.

AGAD 250
Fund Development in Arts Management
3 Credits (3-0-0)
In this course, students examine the importance of relationship development and how to capitalize on donor-centred motivations in a changing giving environment. Students will analyze current and emerging trends and study best practices in creating effective donor/stakeholder communications and making meaningful connections with donors/stakeholders.
Prerequisites: AGAD 232.

AGAD 300
Internal Practicum in Arts Management
3 Credits Total (0-0-120)
This course provides students with the opportunity to engage in a practicum experience, internally at MacEwan. Depending on the practicum experience chosen, students may assist with front of house and box office, opening exhibitions or artist spotlights, and the planning and promotion of MacEwan student and faculty performances and exhibitions. Students may also work on the development and administration of other special projects in the Faculty of Fine Arts and Communications or elsewhere in the University.
Prerequisite: Consent of department required.

AGAD 301
Cultural Policy and Advocacy
3 Credits Weekly (3-0-0)
Students explore the concept of advocacy and develop skills required to analyze and influence policy in the cultural sector. Legislative processes at the three levels of government and policy issues affecting the arts and cultural industries in Canada are examined followed by an exploration of the practice of advocacy and lobbying, including strategies and techniques. Note: Credit can be obtained in only one of AGAD 201 or AGAD 301.
Prerequisites: AGAD 100 or 60 credits.

AGAD 305
Curatorial Studies
3 Credits Weekly (3-0-0)
Students are introduced to the curator's responsibility to care for objects, publics and cultures; and, to the contexts and ethics that shape modes of display. Practical considerations of a curator, including writing exhibition proposals, didactic materials, and project budgets are explored. As well, students will learn about histories, research methods and theories that inform curatorial practice.
Prerequisites: AGAD 100.

AGAD 307
Advanced Accounting
3 Credits (3-0-0)
In this course, students build on the basic knowledge of accounting and financial management for the arts and cultural sector acquired in AGAD 105 and develop further skills in analyzing and interpreting financial statements. Students also practice more advanced accounting procedures such as those relating to merchandising, inventory, assets and liabilities, and prepare reports that enable them to understand and explain the financial results to other stakeholders. This course will cover incorporated companies, proprietorships and not-for-profit organizations.
Prerequisites: Minimum grade of C- in AGAD 105.

AGAD 320
Leadership Seminar
3 Credits Weekly (3-0-0)
In this seminar, students explore principles and theoretical concepts of management and leadership in relation to the nature and structure of arts and cultural organizations. Topics include decision-making, strategic planning, organizing, controlling, leadership, organizational design, communication, teams, motivation, conflict and change. Students are engaged in case study analysis, developing key competencies in leadership and management problem solving within the organizational context of the arts, heritage and cultural sectors. Note: Credit can be obtained in only one of AGAD 320 or AGAD 120.
Prerequisites: AGAD 100.

AGAD 340
Community Cultural Development and Engagement
3 Credits Weekly (3-0-0)
Managers in the cultural sector can facilitate creative, arts-based projects that bring meaningful change in the quality of life of a community. This course focuses on collaborative and participatory processes that will involve arts organizations, government, and community stakeholders, in planning and implementing arts and culturally-based projects, which have sustainable, long-term positive impacts on people. Students explore topics including artists as facilitators, mentors and teachers; social enterprise; public art; risk and responsibility; leadership; needs assessment and strategic planning; urban and rural regeneration; policies; and project evaluation methods.
Prerequisites: AGAD 203, AGAD 232 and minimum of 12 AGAD *(*p. 652*) credits.*

AGAD 350
Arts Law: Contracts, Copyright and Entertainment
3 Credits (3-0-0)
This course is designed to identify the legal principles underlying business activities. Topics include analysis of legal implications of managing an arts institution; organizational structures and tax implications; contracts and negotiating strategies; copyright and trademark ownership; licensing and use; royalties and artists' economic rights; the rights and limitations of free expression; and the international treaties and laws, regulations, and policies that impact arts and culture.
Prerequisites: One of AGAD 225, AGAD 226, AGAD 227, or AGAD 250 or for non-BFA students, completion of 60 credits.

AGAD 360
Programming and Placemaking in the Public Sphere
3 Credits (3-0-0)
This course aims to provide an understanding of issues related to the creation of spaces, structures, installations, and events within the public sphere. Through project-based studies, students develop an appreciation for the contextual and physical components that determine the quality and success of urban environments. Students will engage with appropriate and challenging spatial design interventions within specific contexts in urban spaces. Topics include the development of cultural districts and creative industry clusters; public art; artists' space projects; definition and practice of creative placemaking concepts, approaches and practices; and the strategic planning of creative placemaking in different places, cultures, and communities.
Prerequisites: AGAD 203.

AGAD 400
Cultural Entrepreneurship
3 Credits (3-0-0)
In this course, students identify opportunities and develop action plans for creating socio-cultural capital, and entrepreneurial and intrapreneurial enterprises. Human and financial capital, the influence of culture and diversity, cultural access and the impact of arts education are examined. Students engage with definitions of social and cultural enterprise, discuss geographical and political influences and funding at local, national, and international levels, and evaluate cultural policies and their impact on entrepreneurialism in the sector as they create a vision and plan for post-graduation start-up activities.
Prerequisites: AGAD 301.

AGAD 420
Senior Leadership Seminar
3 Credits Weekly (3-0-0)
This course aims to provide students with a higher level of understanding about the complex environment of small- and medium-sized enterprises, building leadership skills, dealing with challenging people/issues, thinking strategically, beginning market analysis and penetration, project/enterprise funding, and communications. Topics include cultural policy and its context; art management and leadership; arts organizations and governance; strategic planning and managing volunteers; board management and ethical and legal context in various countries; identifying challenges caused by technological, economic, and political change; and developing creative strategies, entrepreneurship, and innovation in the sector.
Prerequisites: AGAD 223, AGAD 301 and AGAD 350.

AGAD 429
Work Integrated Learning Prep
0 Credits Total (20-0-0)
Through classroom workshops and meetings with the instructor, this course provides the preparation that students need to secure an appropriate and meaningful placement within the arts and cultural sector. Students set learning goals, develop professional resumes, hone their interview skills and research, and interview with potential host organizations. Note: Credit can be obtained in only one of AGAD 229 OR AGAD 429.

AGAD 430
Independent Study
3 Credits Weekly (3-0-0)
This course offers students the opportunity to write a major research paper in a topic of interest or identify and produce a project plan during their final year of study. Students enrolled in this course consult with the instructor and present a proposal with the estimated number of hours required for the paper, a list of required resources, and a detailed research plan.

AGAD 435
Work Integrated Learning
6 Credits Weekly (0-0-15)
Students complete a full-time supervised workplace learning experience where they apply and test their arts management skills and knowledge. Students choose from a wide range of potential placements and work in a variety of arts management functions including marketing, fund development, volunteer and/or event management, publicity, and general arts administration. A series of seminars are held concurrently with the placement in which best practices and arts management principles are revisited in the context of students' real-world field placement assignments. In addition to providing opportunities to examine and reflect upon workplace learning, these seminars include career preparation activities. Note: Credit can be obtained in only one of AGAD 235 or AGAD 435.

AGAD 498
Special Topics in Arts and Cultural Management
3 Credits (3-0-0)
Students develop specialized knowledge in a selected concept, idea or issue within contemporary art practice. The topic is determined in consultation with the instructor and varies with the expertise of the instructor. Students demonstrate the capacity for independent intellectual work. Outcomes of the course are intended to inform current practice and students will be encouraged to present concepts, ideas and even controversies to a critical audience.
Prerequisites: Minimum grade of C- in AGAD 301 or 60 credits.

ARTE – Fine Art

ARTE 101
Art History I
3 Credits Weekly (3-0-0)
This course provides an introduction to the history of Western art and architecture from prehistory to the Early Renaissance. Relevant art historical methodologies are introduced, and selected works are examined within the framework of a contextual and formal analysis.

ARTE 102
Art History II
3 Credits Weekly (3-0-0)
This course provides an introduction to the history of Western art and architecture from the Renaissance to the mid-nineteenth century. Relevant art historical methodologies are introduced, and selected works are examined within the framework of a contextual and formal analysis.

ARTE 104
Five Centuries of Art and Visual Culture: From Renaissance to the 19th-Century
3 Credits Weekly (3-0-0)
This course is an introduction to the history of art and visual culture of Western Europe from the fifteenth century to the mid-nineteenth century. The course will cover this topic primarily in a linear historical fashion, but with room for thematic discussions. Therefore, a selection of works that are relevant to major historical themes will be explored.

ARTE 106
Digital Foundation
3 Credits Weekly (1-3-0)
This course introduces the concepts, vocabulary, histories and processes that are key to digital art practice. Students will gain knowledge and experience in digital processes through projects that explore the creative possibilities of working in the digital environment. This course is studio-based with lectures.
Prerequisites: Minimum grade of C- in ARTE 111.

ARTE 107
3D Foundation
3 Credits Weekly (1-3-0)
This studio-based course introduces the principles and concepts of three-dimensional material and spatial art. Students work with traditional and contemporary materials and technical processes that are relevant to sculpture, installation, and other creative forms, including constructed and reductive forms, and repetitive or distributive processes. An orientation to safe work procedures in a woodshop and a test of safety knowledge is required prior to working with hand tools, power tools, and other equipment. This course also develops critical vocabulary to discuss and critique spatial forms.

ARTE 110
Drawing Foundation
3 Credits Weekly (2-4-0)
This course introduces the visual elements, methodologies, and principles of drawing. Students learn to work with traditional mediums and various papers. Students concentrate on the principles of perspective, tonality, and line dynamics.

ARTE 111
2D Foundation
3 Credits Weekly (2-4-0)
This course provides a comprehensive introduction to the theories, elements and vocabulary of the visual language. Students work with two-dimensional form to study the structures and principles of composition, illusionistic space, visual dynamics and colour theory. The critique practice is introduced. Development of problem solving and crafting skills, communication skills and productive work habits are emphasized.

ARTE 119
Introduction to Creative Research
3 Credits Weekly (2-2-0)
This course introduces modes of research that are fundamental to contemporary studio-based art, including but not limited to: material research, historical practices and research for innovation. Students develop art projects that generate from research models. Visits to specific exhibitions and artist studios may be required. This course is studio-based with lectures. Note: Students can only receive credit for one of either ARTE 119 or INTA 240, and ARTE (p. 655) students may not take INTA 240.
Prerequisites: Minimum grade of C- in ARTE 111.

ARTE 120
Drawing I
3 Credits Weekly (2-4-0)
Students commence the in-depth study of observational drawing by expanding on knowledge and skills developed in Drawing Foundation. Subjects include still life, portrait, and figure, and may include architecture, plant, animal, and other forms.
Prerequisites: Minimum grade of C- in ARTE 110.

ARTE 121
Design II
4 Credits Weekly (2-4-0)
This course provides an in-depth study of the visual language. Working primarily with paint on board, assignments are designed to stimulate analytical and creative thinking. Problem solving skills and productive work habits are emphasized. Attendance at visiting artist lectures and art exhibitions outside of scheduled class hours may be required.
Prerequisites: Minimum grade of C- in ARTE 111.

ARTE 202
Art History III
3 Credits Weekly (3-0-0)
Beginning with the foundations of Modernism in the mid-nineteenth century, this course examines the major movements in art, architecture, photography, and design developed in Europe and North America up to the major movements in art, architecture, photography, and design developed in Europe and North America up to the later part of the twentieth century. Relevant art historical methodologies are introduced, and selected works are examined within the framework of a contextual and formal analysis.

ARTE 203
Issues in Contemporary Art
3 Credits Weekly (3-0-0)
Issues in Contemporary Art is the study and discussion of art produced after WWII in the cultural, political, economic and theoretical contexts of visual culture. Students explore key issues through analysis of selected artists, art works and movements which make up the contemporary art scene.
Prerequisites: Minimum grade of C- in ARTE 202.

ARTE 205
Painting I
3 Credits Weekly (2-4-0)
Students are introduced to contemporary painting methods, concepts, and materials. Studio work may include painting practice in acrylic media, preparing and building substrates, creative research, lab work, peer discussion, and group critiques. Students may be required to attend off-site lectures and art exhibitions outside of scheduled class hours.
Prerequisites: Minimum grade of C- in ARTE 120.

ARTE 206
Intermedia I
3 Credits Weekly (2-4-0)
Students are introduced to contemporary digital media and intermedia art practices within a fine art context. Concepts, tools, and artworks created with digital media and in combination with non-digital preparation or presentation are introduced, with an introduction to video, sound, image, and/or electronic arts. Students may also be required to attend some lectures and art exhibitions outside of scheduled class hours.
Prerequisites: Minimum grade of C- in ARTE 106.

ARTE 207
3D Spatial Practice I
3 Credits Weekly (2-4-0)
This studio course introduces concepts and practices relevant to material practices in contemporary three-dimensional art such as sculpture, installation and assemblage. Students work on projects that consider what material and craft mean in contemporary three-dimensional art, including questions and approaches around the object, installation, labour, skill, production, and consumption, among others. Work will take place in and beyond the studio, requiring students to consider the studio as a place of individual and collective making.
Prerequisites: Minimum grade of C- in ARTE 107.

ARTE 208
Introduction to Professional Practice
3 Credits Weekly (0-0-3)
Students examine professional issues and responsibilities that artists encounter in a contemporary art practice. In a seminar forum, with gallery and studio visits and presentations from practicing professionals and students, students explore the various methods employed to develop and sustain a professional studio practice. Exhibition practices, art-writing, team and community collaboration and dissemination strategies are the focus of this course.
Prerequisites: Minimum grade of C- in ARTE 230.

ARTE 214
History of Photography
3 Credits Weekly (3-0-0)
This course surveys the technological, social and cultural histories of photography from its origins in the early 19th-century to the 21st-century. Students consider the impact of photography on a variety of fields, including portraiture, science, colonial exploration, anthropology, sociology, criminology, journalism and the fine arts. While familiarizing students with influential photographers and significant photographs of the 19th-, 20th- and 21st-centuries, this course also introduces students to the scholarly discourse around historical and current characteristics and conditions of photographic images.

ARTE 215
Painting II
3 Credits Weekly (2-4-0)
Students further develop aesthetic and technical painting processes as they undertake studio projects using materials, concepts and methodologies of contemporary painting. Studio work includes exploration in painting practice and critical research, and extended discussion and group critiques. Students are also required to attend some off-site lectures and art exhibitions outside of scheduled class hours.
Prerequisites: Minimum grade of C- in ARTE 205.

ARTE 216
Intermedia II
3 Credits Weekly (2-4-0)
This studio course expands on the critical and contemporary approaches to intermedia with a focus on movement and space. Projects take place in or beyond the studio, and collaboration in or across discipline is strongly encouraged. Students engage in reading discussions and presentations on related themes, and are expected to attend some lectures, art exhibitions, and events in real or online spaces outside of scheduled class locations and hours.
Prerequisites: ARTE 206.

ARTE 217
3D Spatial Practice II
3 Credits (2-4-0)
This studio course builds on concepts and practices relevant to spatial practice in contemporary sculpture, installation, and related art forms. Students work on projects that identify and develop intersections between spatial concerns and contemporary three-dimensional art that includes questions and approaches around the object, installation, action, intervention, and audience. Work will take place in and beyond the studio, requiring students to attend outside exhibitions and install or present works outside the campus studio.
Prerequisites: ARTE 207 or consent of department.

ARTE 219
Concepts and Practice
3 Credits Weekly (2-2-0)
In this studio course, students generate artwork through independent research, from a choice of subjects and concepts. These self-directed projects progress from conceptual and material development to final presentation and critical discussion. Projects may include writing assignments, supplementary readings, visits to galleries and attendance at visiting artist lectures.
Prerequisites: Minimum grade of C- in ARTE 119.

ARTE 224
The Visual Culture of Modernity: Fin-de-siècle to Mid-Twentieth Century
3 Credits Weekly (3-0-0)
This course is an exploration of art and visual culture in the Modernist Era up to the mid-twentieth century. Beginning with representations of nineteenth-century urban life and newly modern ways of viewing the world, students will learn about the major modernist philosophies, art movements, and architectural influences. The chaos and destruction of both World Wars as related to various forms of cultural production will also be studied.
Prerequisites: ARTE 104 or 102.

ARTE 230
Introduction to Contemporary Drawing
3 Credits Weekly (2-4-0)
In this studio course, students investigate materials, methodologies and forms prevalent in contemporary drawing practices. Written assignments, visits to galleries and attendance at artist lectures may be required.
Prerequisites: Minimum grade of C- in ARTE 120.

ARTE 234
Art and Visual Culture II: Modernism and Postmodernism
3 Credits Weekly (3-0-0)
Lecture survey course on history of global art and visual culture from 1950 to contemporary practice of the 2000s, focusing primarily on western culture but including major world regions. Emphasis is placed on historical, social, and interpretive issues relevant to the critical analysis of artistic production and meaning.
Prerequisites: ARTE 224 or ARTE 202.

ARTE 259
Special Topics in Art
3 Credits Weekly (2-4-0)
This course provides an in-depth study of a specific subject area or theme within Fine Art. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair.

ARTE 301
2D Concepts and Practice
3 Credits (0-6-0)
Students explore two-dimensional creative forms and processes through independent research from a choice of provided subjects and concepts. Emphasis is on experimentation with diverse materials and substrates and may include (but are not limited to) traditional drawing and painting materials, photography, and digital media. These projects progress from conceptual and material development to final presentation and critical discussion. Writing assignments, supplementary readings, visits to sites or galleries, and attendance at visiting artist lectures may be required.
Prerequisites: Minimum grade of C- in ARTE 205 and 206, or consent of department.

ARTE 304
Theory in Contemporary Art
3 Credits Weekly (0-0-3)
Highlighting critical readings and discussions, this seminar course introduces issues and ideas moulding contemporary visual art practices from various theoretical perspectives. Focused on visual art history, aesthetics, and critical theory, topics include the assignment of value; the formation of taste; the relationships between individuals and institutions, the role of authorship; the gate-keeping functions of curating and criticism; the maintenance of categories (such as high/low, naïve, primitive, outsider); and the uses of art as décor, critique, commodity, and research.
Prerequisites: ARTE 104 or consent of department.

ARTE 306
Intermedia Extended I
3 Credits Weekly (2-4-0)
This studio course expands on the critical and contemporary approaches to intermedia and digital art. Projects take place in or beyond the studio, and collaboration in or across discipline is strongly encouraged. Students discuss and develop projects within the shifting field of intermedia, focusing on contemporary digital practices within Fine Art. Students engage in reading discussions and presentations on related themes, and are expected to attend some lectures, art exhibitions, and events in real or online spaces outside of scheduled class locations and hours.
Prerequisites: Minimum grade of C- in ARTE 206 or consent of department.

ARTE 307
3D Concepts and Practice
3 Credits ((2-4-0)
Students explore three-dimensional creative forms and processes through independent research from a choice of provided subjects and concepts. Emphasis is on experimentation with space-based forms including sculpture and installation, diverse materials, and use of space. These projects progress from conceptual and material development to final presentation and critical discussion. Projects may include writing assignments, supplementary readings, visits to galleries, and attendance at visiting artist lectures.
Prerequisites: Minimum grade of C- in ARTE 207 or consent of department.

ARTE 308
Professional Practice
3 Credits (0-0-3)
Students examine professional issues and responsibilities that artists encounter in a contemporary art practice. In a seminar forum, with gallery and studio visits and presentations from practicing professionals and students, students explore the various methods employed to develop and sustain a professional studio practice. Exhibition practices, art-writing, team and community collaboration and dissemination strategies are the focus of this course. Note: Credit can be obtained in only one of ARTE 308 OR INTA 414.
Prerequisites: ARTE 205 and ARTE 206 or consent of department.

ARTE 311
2D Concepts and Practice Extended
3 Credits (0-6-0)
Students are guided through a more extensive, deeper learning experience working with their choice of two-dimensional concepts. Students accessing the course as adjunct to their primary focus work with instruction to enhance their knowledge and skills working with 2D concepts and media that were introduced in the 200-level courses. Self-directed and assigned projects progress from conceptual and material development to final presentation and critical discussion. Writing assignments, supplementary readings, visits to sites or galleries, and attendance at visiting artist lectures may be required.
Prerequisites: Minimum grade of C- in ARTE 301 or consent of department.

ARTE 314
Thinking Photography
3 Credits Weekly (3-0-0)
Students examine how photographs convey meaning and influence social and cultural practices. In this course, students discuss photographic theory and the nature and function of photographic images. Also, students examine a range of photographic practices, both current and historical, and discuss documentary photography, photojournalism, advertising, scientific photography, sociological and anthropological uses of photography, art photography and personal photography.

ARTE 316
Intermedia Extended II
3 Credits (0-6-0)
In this course, students have the opportunity to delve deeper into critical and contemporary approaches to intermedia and digital art practice. Projects take place in or beyond the studio, and collaboration in or across discipline is strongly encouraged. Students discuss and develop projects within the shifting field of intermedia, focusing on contemporary digital practices within Fine Art. Students engage in reading discussions and presentations on related themes, and are expected to attend some lectures, art exhibitions, and events in real or online spaces outside of scheduled class locations and hours.
Prerequisites: Minimum grade of C- in ARTE 216 or consent of department.

ARTE 317
3D Concepts and Practice Extended
3 Credits (2-4-0)
In this course, students have the opportunity to delve deeper into critical and contemporary approaches to working with three-dimensional creative forms and processes through independent research from a choice of provided subjects and concepts. Emphasis is on experimentation with space-based forms including sculpture and installation, diverse materials, and use of space. These projects progress from conceptual and material development to final presentation and critical discussion. Projects may include writing assignments, supplementary readings, visitings to galleries, and attendance at visiting artist lectures.
Prerequisites: Minimum grade of C- in one of ARTE 217 or ARTE 307 or consent of department.

ARTE 324
History of Interdisciplinary Arts
3 Credits (3-0-0)
Surveying aspects of interdisciplinarity engaged with visual art and culture, this lecture course examines crossovers and hybrid forms from the modern period to the present. Concentrating on various art forms, deep but diverse interconnections testify to the persistence and richness of interdisciplinarity and its focus on research, novelty, experiment, transformation, and inclusivity.
Prerequisites: INTA 210, ARTE 202, ARTE 224, or consent of department.

ARTE 399
Special Topics in Art
3 Credits (2-4-0)
Students develop specialized knowledge in a selected concept, idea or issue within contemporary art practice. The topic is determined in consultation with the instructor and varies with the expertise of the instructor. Students demonstrate the capacity for independent intellectual work. Outcomes of the course are intended to inform current practice and students will be encouraged to present concepts, ideas and even controversies to a critical audience.
Prerequisites: Consent of department.

ARTE 400
Art in the Public Sphere
3 Credits (0-0-3)
Examining historical and contemporary modes and exemplars of visual art and culture directly engaging the public sphere, this seminar course uses critical readings and discussions to further develop awareness of diverse art forms and their relations with varied audiences. Aspects such as site-specific art, activist art, institutional critique, relational aesthetics, social practice, and social engagement will be prominent, as well as ideas of the monument and the memorial, public art, and critical interventions are explored through critical and theoretical lenses questioning equally the privacy of individual subjectivity and the fluid zones of public and group identity.

ARTE 409
Concepts and Practice
3 Credits (2-4-0)
Students begin the development of a self-directed body of work with faculty guidance through mentorship roles. The self-directed studio work may incorporate any form, involve any materials or media, and employ any processes essential to the exploration and resolution of the body of work. Writing assignments, supplementary readings, visits to sites or galleries, and attendance at visiting artist lectures may be required.
Prerequisites: Minimum grade of C- in one of ARTE 301, ARTE 306 or ARTE 307.

ARTE 429
BFA Project
6 Credits (4-8-0)
Students focus on the development, completion and presentation of a final body of self-directed art work to present for the Bachelor of Fine Arts. An expanded research statement accompanies the work submitted. A faculty mentor is assigned to the student to guide and support the student throughout the term, however students are encouraged to invite additional faculty for ad hoc critiques throughout the term. Students will participate in weekly group meetings led by a faculty member.
Prerequisites: Minimum grade of C in ARTE 409 or consent of department.

ANTH – Anthropology

ANTH 101
Introduction to Anthropology
3 Credits Weekly (3-0-0)
This course is a general introduction to anthropology through the study of central concepts and key issues. Topics include human evolution, the appearance of culture, social organization, cultural theory, symbolic systems, and culture change.

ANTH 108
Elements of Human Linguistics
3 Credits Weekly (3-0-0)
This course provides an introduction to the principle ideas about language and communication, including laboratory exercises. Course content includes the evolution of language, anatomy of language, principles and main categories of linguistic analysis (phonology, syntax, morphology, semantics), linguistic diversity, and cross-linguistic variation.

ANTH 206
Introduction to Archaeology
3 Credits Weekly (2-1-0)
This course provides a general introduction to the methods, practice and theory of prehistoric archaeology. Topics include the goals and objectives of the discipline, data collection and analysis as well as methods of interpretation. Emphasis is on methods used to reconstruct prehistoric life-ways and explain cultural development rather than a general survey of prehistory. Note:This course can be used to fulfil the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in a 100-level course in ANTH *(*p. 659*) or EASC 101.*

ANTH 207
Introduction to Social and Cultural Anthropology
3 Credits Weekly (3-0-0)
This course provides an overview of socio-cultural anthropology, which introduces the students to the diversity of human cultures and the concepts and theoretical orientation of the cultural anthropologist. Unity and diversity in human social life are emphasized.
Prerequisites: Minimum grade of C- in a 100-level ANTH *(*p. 659*) course.*

ANTH 208
Introduction to Linguistic Anthropology
3 Credits Weekly (3-0-0)
This course focuses on the anthropological study of language and communication. It examines the analytical methods and theory used in linguistic anthropology.
Prerequisites: Minimum grade of C- in a 100-level course in ANTH *(*p. 659*).*

ANTH 209
Introduction to Biological Anthropology
3 Credits Weekly (2-1-0)
This course introduces students to the sub-discipline of biological anthropology. Students examine the emergence of the human species and the theoretical and methodological frameworks used to understand present-day human biological variation. Topics include basic principles of evolutionary theory, human skeletal biology, comparative primate anatomy and behaviour, and hominid evolution. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in a 100-level course in ANTH *(*p. 659*).*

ANTH 210
Gender, Age and Culture
3 Credits Weekly (3-0-0)
This course examines sex, gender, and age from an anthropological perspective. It examines how societies construct sex and gender and what it means to be an engendered person cross-culturally. The course considers the impact of sex, gender, and age differences as crucial aspects of social organization and structure, as well as how they relate to broader economic and political processes, such as colonialism and globalization, that shape the daily lives of humans.
Prerequisites: A minimum grade of C- in ANTH 101, or second-year standing.

ANTH 219
World Prehistory
3 Credits Weekly (3-0-0)
This course surveys the development of societies around the world over the last 3 million years. It begins by introducing the discipline of archaeology and the methods and techniques used to learn about the human past. Cultural sequences from various regions of the Old and New World (eg. Egypt, Mesopotamia, China, Europe, Mesoamerica, and the Andes) are examined. Finally, comparisons are made between these cultural sequences to explore such topics as the origins of agriculture, the development of complex societies, human dispersals and colonization, and the long-term effects of climate change and demographic growth.

ANTH 245
Ethnography of Mediterranean Peoples
3 Credits Weekly (3-0-0)
This course investigates anthropologists' contributions to understanding Mediterranean societies and cultures. The concept of a "Mediterranean culture" is critiqued. Through cross-cultural comparison, students investigate the diversity occurring in "Mediterranean" cultures, but also shared and parallel institutions and practices. Relevant historical, geographic, and environmental factors are explored and considered in light of anthropological explanation of circum-Mediterranean cultural institutions, social organization and practices.

ANTH 246
Circumpolar Peoples
3 Credits Weekly (3-0-0)
This course provides a comprehensive introduction to the Inuit culture of Canada and other cultures of the circumpolar region. The course includes an introduction to anthropological perspectives, research methods and cross cultural analyses as well as to the geographical and cultural boundaries that exist in the north. Various topics are covered including the impacts of climate change, re-settlement, economic growth, and health issues.

ANTH 250
Introduction to Indigenous Peoples in Canada
3 Credits Weekly (3-0-0)
This course provides an introduction to Indigenous Peoples in Canada from an anthropological perspective. Topics covered may include oral traditions, culture areas, politics, economics, family, kinship, religion, and conflict between cultural groups.

ANTH 251
Race and Racism in The Modern World
3 Credits Weekly (3-0-0)
This course offers an anthropological perspective on how the concept of race has been used to examine biological and cultural variation among humans. Issues and topics may include theoretical and methodological perspectives of race and racism, multiculturalism and interculturalism, migration, ethnic identity, prejudice and ethnocentrism, racism, caste system, eugenics, and the persistence of ethnic identity in the face of globalization. Case studies dealing with race issues in Canada and other countries are used to illustrate these concepts.
Prerequisites: A minimum grade of C- in ANTH 101, or second-year standing.

ANTH 261
Peoples and Cultures of Mesoamerica
3 Credits Weekly (3-0-0)
This course is an introduction to the culture area of Mesoamerica. It examines the cultural history of the native peoples of Mesoamerica from the pre-Columbian past to the present and includes studies of contemporary native communities.

ANTH 262
Peoples and Cultures of South America
3 Credits Weekly (3-0-0)
This course is an introduction to the cultural history of the native peoples of South America. It examines the social and culture history of indigenous peoples, surveying local and regional cultural variations.

ANTH 305
Human Variation and Adaptation
3 Credits Weekly (2-1-0)
This course examines, from a biocultural perspective, the extraordinary range of human biological variation and explores the evolutionary, adaptive, behavioural, cultural and environmental influences that produce this diversity. The first half of the course examines historical perspectives on human differences and outlines our current understanding of the basic principles of evolutionary biology. The second half of the course examines how these principles have been used to explain such aspects of human variation as body size and shape, skin colour, blood chemistry, and disease. Throughout the course, the interaction of biology and culture are discussed, as well as the veracity of such contentious topics as 'race', intelligence, sex differences and genetic disorders. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grade of C- in ANTH 209.

ANTH 308
Language, Gender, and Sexuality
3 Credits Weekly (3-0-0)
This course addresses major themes and approaches to the study of language and gender and of language and sexuality. Students engage in critical examination of how cultural paradigms of gender and sexuality are constructed, expressed, challenged, and transformed through linguistic practice and performance, as well as how language is involved in the construction of social identities and communities. This course considers gender and sexuality in a cross-linguistic and cross-cultural perspective. Students learn to apply sociolinguistic and linguistic anthropological theories to the study of gender, sexuality, and social power.
Prerequisites: A minimum grade of C- in ANTH 208.

ANTH 318
Political Anthropology
3 Credits Weekly (3-0-0)
The course examines some of the major theoretical approaches to politics and power which have emerged within Anthropology, or which have influenced anthropological writings. Employing a cross-cultural, comparative perspective, this course shows that, in western society, 'politics' describes activities and institutions focused around political parties, government, and the state; within anthropology, however, the term 'politics' is linked to the idea of 'power', where power is an aspect of a broad range of relationships from the most local to the global. The course addresses issues as diverse as uncentralized politics, state formation, and the impact of global power relations on the micro-level of everyday interaction.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208.

ANTH 320
Archaeology of Gender
3 Credits Weekly (3-0-0)
This course examines approaches to gender in archaeological research from methodological, theoretical, and historical perspectives. The course focuses on the impact of a 'gendered' archaeology against a backdrop of a more general examination of anthropological theories, gender roles, gender ideology and gender politics.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH 321
Language Endangerment and Revitalization
3 Credits Weekly (3-0-0)
This course focuses on the social, political, and economic causes and impacts of language loss from a global perspective. Emphasis is placed on Indigenous languages, but minority languages of Europe and Asia are also discussed. Practical strategies for sustaining and revitalizing Indigenous languages are analyzed. Students take an anthropological perspective on the challenges facing endangered language communities and the global and local meanings of linguistic diversity.
Prerequisites: Minimum grade of C- in ANTH 208.

ANTH 322
Plagues, Pandemics, and People
3 Credits Weekly (3-0-0)
This course uses a biocultural approach to examine the evolutionary, ecological and epidemiological context of selected historic and emerging infectious disease epidemics and pandemics. Complex biological, social and economic repercussions for human populations are considered.
Prerequisites: A minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209.

ANTH 324
Economic Anthropology
3 Credits Weekly (3-0-0)
This course provides a comprehensive overview of the key theoretical approaches and research in economic anthropology. Employing a cross-cultural, comparative perspective, this course investigates anthropologists' studies of exchange behaviour as social, political and economic phenomena. The course is designed not only to broaden understanding of exchange in other societies, but to provide the comparative data necessary to evaluate our own forms of exchange and measures of economic well-being. Particular emphasis is placed upon a critical examination of the typologies created and employed by economic anthropologists.
Prerequisites: Minimum grade of C- in ANTH 207.

ANTH 332
Anthropology of Science
3 Credits Weekly (3-0-0)
This course investigates science as a cultural and historical product. Employing the anthropological perspective across the four sub-fields, this course investigates anthropologists' studies of science and seeks to understand how science is created within ideological, social, economic, and political environments. The course is designed not only to broaden understanding of science in other societies, but also to provide the comparative data necessary to evaluate western understanding.
Prerequisites: A minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209.

ANTH 340
Canadian Indigenous Issues
3 Credits Weekly (3-0-0)
This course employs an anthropological approach to analyze issues facing Canadian Indigenous Peoples today. Cultural theories for the analysis of patterns, processes and trends are examined. Specific topics include Indigenous Peoples and Canadian politics, economics, education, religion, health, law and the arts.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 250.

ANTH 370
The Anthropology of Space and Place
3 Credits Weekly (3-0-0)
Much of anthropological data is based on notions of space and place. Archaeologists invest much of their time in detailing location and arrangement of built form and material culture. This course examines the theoretical and methodological approaches to landscape, space, and place in anthropology and archaeology. Topics may include the conceptualization of space, place, and landscape in anthropological and archaeological research and writing, the changing nature of concepts of landscape, and space and place as analytical frameworks for understanding past, present, and future societies and cultures. We consider three related dimensions of human spatial practice over time and space/place: experience, perception, and imagination.
Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 207 or ANTH 208.

ANTH 375
Zooarchaeology
3 Credits Weekly (1-2-0)
This course is an introduction to the study of animal remains from archaeological contexts. Topics discussed include the reconstruction of environment and season of site occupation, the economic uses of animals and evidence of animal domestication, and the procedures for analyzing faunal remains and challenges in their interpretation. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grade of C- in ANTH 206 and ANTH 209.

ANTH 385
Archaeology of the Americas
3 Credits Weekly (3-0-0)
This course provides a survey of select prehistoric cultures of North, Central and South America. Topics to be discussed include the peopling of the Americas, rise of pre-Columbian civilizations and the variety of cultural adaptations in the Americas.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH 388
Artifact Analysis
3 Credits Weekly (1-2-0)
This course covers a variety of methods for analysing and interpreting items of material culture commonly recovered from archaeological contexts. Particular emphasis is placed upon understanding the technologies used to manufacture prehistoric and historic artifacts and the methods used to analyse their functions and stylistic attributes. Lab work includes exercises in qualitative and quantitative description and classification, and experiments in tool use and manufacture. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ANTH 206.

ANTH 389
Topics in Anthropology
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to Anthropology. The topic for the course varies and is announced prior to registration. This course may be taken up to two times provided the course topic is different.
Prerequisites: Minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209; depending on the topic, instructors may specify one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209 as recommended background.

ANTH 390
Human Osteology
3 Credits Weekly (1-2-0)
A hands-on laboratory course that offers a comprehensive study of the human skeleton, both as a dynamic, living system and as a source of information for reconstructing past human lives. During the first part of the course we cover basic skeletal biology and students learn to identify and side every human bone, a large number of fragmentary bones, and all of the major morphological features on each bone. During the second part of the course, we explore the methods used to recover human skeletal remains from archaeological and forensic contexts, and students learn to apply techniques for reconstructing past lives from skeletal remains including health and disease, biological relatedness, physical activity patterns, and estimates of age, sex and stature. Throughout the course we discuss the ethics of dealing with human remains. Note:This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grade of C- in ANTH 209.

ANTH 393
Cross-Cultural Perspectives on Health and Healing
3 Credits Weekly (3-0-0)
This course provides an introduction to the sub-field of Medical Anthropology. Beginning with an overview of central concepts and theoretical perspectives of medical anthropology, this course addresses the different ways in which health and illness are constructed cross-culturally, the roles of healers in different societies, and the political economy and social determinants of health and illness.
Prerequisites: Minimum grade of C- in a 100-level ANTH *(*p. 659*) course.*

ANTH 394
Ethnographic Research Methods
3 Credits Weekly (3-0-0)
This course concentrates on the perspectives, qualitative methods, and research strategies employed by ethnographers. Special emphasis is placed on techniques of major ethnographic research traditions, methods of data collection, analysis of narrative or textual data, ethical issues in research and presentation of research results. Grant writing and the use of such tools as computer software, film and other recording devices in ethnographic research are also explored. Note: The consent of the Department is required for Non-Anthropology majors.
Prerequisites: Minimum grade of C- in one of the following: ANTH 207 or ANTH 208.

ANTH 395
Archaeological Method Issues
3 Credits Weekly (3-0-0)
As a survey of theory and practices currently used in archaeology, students study the concepts and models used for interpreting archaeological data as well as the evaluation of ethical issues regarding archaeological investigations and remains.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH 396
Archaeological Field Training
6 Credits Total (0-0-90)
This course provides students with an introduction to archaeological field work. Students experience all practical archaeological field techniques, including survey, excavation, laboratory analysis, cataloguing artifacts and conservation.
Prerequisites: Minimum grade of C- in ANTH 206 and consent of the department.

ANTH 397
Ethnographic Field School
6 Credits Total (0-0-90)
Anthropology is a broadly-based approach to understanding the human experience. Ethnographic methods approach this experience primarily, but not exclusively, through observation and participation in daily activities of communities. This course combines seminars with ethnographic research. Over the course of the field school, students learn the steps involved in designing and executing an ethnographic research project. They are trained in the central methods of ethnographic research and analysis. Where appropriate, allied field methods may be introduced. Note: ANTH 394 is recommended. Please note that acceptance into the field school is competitive and subject to an application process which includes a panel interview. Upon preliminary selection, all students have to attend a mandatory 15-hour pre-departure seminar and write a report. The seminar is graded as a component of the final grade.
Prerequisites: A minimum grade of C- in ANTH 207 or ANTH 208 and consent of the department.

ANTH 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

ANTH 399
Ecological Perspectives in Anthropology
3 Credits Weekly (3-0-0)
This course considers the question of human relationships to the environment as mediated through culture. To what extent and in what ways can we consider "nature" or "the environment" as sociocultural constructions? Alternatively, to what extent and in what ways are cultures shaped by natural environments? Interdisciplinary in nature, this course brings together concerns about the production and use of knowledge regarding human social and cultural behavior in specific environmental contexts.
Prerequisites: Minimum grade of C- in one of the following: ANTH 206, ANTH 207, ANTH 208 or ANTH 209.

ANTH 410
Humans, Climate and Culture
3 Credits Weekly (0-0-3)
This course examines the role of climate in our species' evolutionary history and conversely, human influence upon climate. Theories about the role of climate in shaping social organization and social "complexity" are addressed in light of evidence from the prehistoric record. The prehistoric and historic record of human responses to and influences upon climate will further be examined through regional and local case studies. The course concludes with a review of sociocultural institutions and practices as they relate to climate; cultural perceptions of weather and climate; cultural responses to climate change; and finally, the consequences to cultures of climate change.
Prerequisites: Minimum grade of C- in one of the following: ANTH 206 or ANTH 207, or ANTH 209 or EASC 208.

ANTH 411
Environmental Archaeology
3 Credits Weekly (0-0-3)
This course provides an overview of the techniques used in the analysis of past environments and the human interactions in these environments. Theories and methods are presented for reconstructing ancient ecosystems and assessing human transformation of these ecosystems. Case studies are used as examples.
Prerequisites: Minimum grade of C- in ANTH 206.

ANTH 415
Anthropological Theory
3 Credits Weekly (0-0-3)
This course is an overview of key trends and paradigms in anthropological theory, from classical to contemporary approaches. Using a topical or thematic approach we consider the contributions of a number of anthropological theorists. Through the application of theoretical perspectives to case studies and ethnographies, the distinctive and mutual relationship between theory, method, and ethnographic data in anthropology is emphasized.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and any 300-level ANTH *(*p. 659*) course.*

ANTH 420
Culture and Globalization
3 Credits Weekly (0-0-3)
Transnational movement of money, media images, information, and people have spawned intense debates about the global impact of commodities, ideas, and capital on cultural and biological diversity. This course provides an anthropological consideration of globalization and its relationship to culture, modernity, tradition, diaspora, nationalism, race, class, and gender. In particular, we track the movements and reconfigurations of capital(ism), commodities, communication, and people by focusing on ethnographic analyses of such circuits.
Prerequisites: Minimum grade of C- in ANTH 207 or ANTH 208 and a 300-level ANTH *(*p. 659*) course.*

ANTH 421
Language and Power
3 Credits Weekly (0-0-3)
While language indexes the power relationships within a society and naturalizes them, it is also critical in the formation of social groups and struggle for power and prestige. In analyzing uses of language in a wide range of social and political contexts, the course addresses issues which include the ways language, power, hegemony and political struggle are related; the effects of nationalism on language; the role of language as a means of creating social organization and hierarchy; the relationship between minority and majority languages and cultures; and the role of the media, popular culture and literacy in contemporary linguistic and social relations.
Prerequisites: Minimum grade of C- in ANTH 208 and in one 300-level ANTH *(*p. 659*) course.*

ANTH 440
The Anthropology of Colonial Encounters
3 Credits Weekly (0-0-3)
This course examines the process of European colonization and expansion in the Americas and its long-term consequences from an anthropological perspective. Topics considered include the complex historical motives of peoples entangled in colonial relations, the political and ecological effects upon cultures, and the role of colonialism in shaping the discipline of anthropology.
Prerequisites: Minimum grade of C- in one of ANTH 206 or ANTH 207 and one of ANTH 246, ANTH 250, ANTH 261 or ANTH 262.

ANTH 444
Applied Anthropology
3 Credits Weekly (0-0-3)
This seminar course explores applied anthropology as a fifth sub-field of anthropology and as a practice that is both an aspiration and a vocation for many contemporary anthropologists. Students in this class will explore and apply methods used by contemporary anthropologists to unpack and find solutions to current social problems. The course investigates the relevance of anthropology to practical concerns such as cultural heritage, development work, sustainability, and immigration. Students will also learn about anthropology's versatility and its application in numerous related fields like policy, business, and law. This course will pay particular attention to ethical dilemmas in applied fieldwork and the relationship between anthropology and advocacy.
Prerequisites: A minimum grade of C- in one of ANTH 394 or ANTH 395.

ANTH 481
Archaeological Theory History
3 Credits Weekly (0-0-3)
This course provides in-depth analysis of the evolution of archaeological theory from early antiquarianism to current ideas and practices.
Prerequisites: Minimum grade of C- in either ANTH 206 or ANTH 209 and a 300 level ANTH *(*p. 659*) course.*

ANTH 486
Archaeology of Death
3 Credits Weekly (0-0-3)
This course considers the role of mortuary evidence in facilitating understanding of past cultures. By examining numerous case studies, the course draws on a variety of anthropological and archaeological frameworks to explore how people treat their dead and what this can tell us about both the dead and the living.
Prerequisites: Minimum grade of C- in ANTH 206 or ANTH 209 and a 300-level ANTH *(*p. 659*) course.*

ANTH 495
Anthropology Field Placement
3 Credits Total (0-0-100)
In this course, the students are assigned to a public, private, or non-profit organization where they apply their knowledge and skills in research or other practical aspects of a project. Note: This course does not fulfill the 400-level requirement for the major and minor. Acceptance into the field placement is competitive and subject to an application process which includes an interview.
Prerequisites: Minimum grades of C- in 6 credits of 300-level ANTH *(*p. 659*) and consent of the department.*

ANTH 497
Topics in Anthropology
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of anthropology. This course is devoted to the detailed study of a single theme - particularly themes of contemporary relevance or debate - and it rotates among the subfields in Anthropology.
Prerequisites: Minimum grade of C- in one of ANTH 206, ANTH 207, ANTH 208, or ANTH 209 and a minimum grade of C- in any 300-level ANTH *(*p. 659*) course.*

ANTH 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

ANTH 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to and required of students in the Honours Anthropology program. Students complete both ANTH 499A and 499B in consecutive terms to attain credit for this course.
Prerequisites: Registration in the Honours Program and consent of the department.

ANTH 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to and required of students in the Honours Anthropology program. Students complete both ANTH 499A and 499B in consecutive terms to attain credit for this course.
Prerequisites: Registration in the Honours Program and consent of the department.

ASTR – Astronomy

ASTR 120
The Astronomy of the Solar System
3 Credits Weekly (3-0-0)
Students examine the origin, evolution and nature of our solar system. The methods of astronomy and space science are discussed in terms of basic physical and mathematical principles, including the laws of gravity and orbital motion. Students become acquainted with the search for extrasolar planets and extraterrestrial life. Telescopes and other tools of astronomy are described, and students are given the opportunity to gain observing experience through simple observing exercises using telescopes.
Prerequisites: Mathematics 30-1 or Mathematics 30-2.

ASTR 122
The Astronomy of Stars and Galaxies
3 Credits Weekly (3-0-0)
Students examine the origin, evolution and nature of stars, galaxies and the universe as a whole. The methods of astronomy are discussed based on simple physical and mathematical principles related to the nature of gravity and light, including parallax, the inverse square law, Stefan-Boltzmann law, Doppler shift, and the laws of Newton and Kepler. Students study the big bang theory and structure and formation of the universe. Students are given the opportunity to gain observing experience through simple observing exercises using telescopes.
Prerequisites: Mathematics 30-1 or Mathematics 30-2.

BCSC – Bachelor of Communication Studies

BCSC 100
Grammar and Composition Foundations
3 Credits Weekly (3-0-0)
In this course, students learn how to write with clarity and precision, and to communicate successfully with a variety of audiences. Building on an understanding of traditional grammar, students examine the relationship between language structures and the expression of an author's intentions. By studying various writers and genres, students learn to identify and manipulate sentence elements to produce clarity, drama, power and other rhetorical effects. They also consider how media, technology and culture are influencing language and writing in general and grammar in particular.

BCSC 101
Interpersonal Communication
3 Credits Weekly (3-0-0)
This course introduces students to basic concepts and principles of human communication and interaction. It includes an examination of processes of communication in three common communication settings: interpersonal relationships, group gatherings and public gatherings. Other topics to be covered include nonverbal communication, listening, and public speaking.

BCSC 102
Introduction to Visual Communication
3 Credits Weekly (3-0-0)
In this course, students communicate using visuals. Evaluating historical and contemporary examples of visual communication, students assess the meaning and impact of visual design. Students identify elements of visual communication design and evaluate their effect on message creation and interpretation. They develop skill in the basic functions of key digital applications widely used today for creating and combining text, photos and graphics files. Students leave the course with the knowledge and digital skills needed to start collaborating on communication projects.

BCSC 200
Communication Theory
3 Credits Weekly (3-0-0)
Students survey major theoretical perspectives and contemporary research in communication. The course examines historical and current political, social and economic contexts in the study of communication, including the contributions of Canadian thinkers. Theory is demystified, and students develop an appreciation of the intellectual traditions in communication research through the study of key concepts, models and issues.

BCSC 201
Foundations of Journalism
3 Credits Weekly (3-0-0)
This course introduces students to Canadian news media through the historical development of the craft, business practices and technological elements of journalism. It also introduces students to professional and business practices of the field from the earliest news sheets to the modern international online news services, and explores key concepts and issues facing the craft and the business of journalism today.

BCSC 202
Online Communication
3 Credits Weekly (3-0-0)
Online communication and social media has drastically changed the way journalists and communications professionals engage their audiences. From self-publication tools to emerging social media platforms, students examine and experience how the public, journalists, and communications professionals use various online strategies to achieve a wide variety of goals. The course connects traditional mass media to the practices and issues of emerging technologies and tools. Students are introduced to information architecture through user behaviours and site features.
Prerequisites: A minimum grade of C- in BCSC 102.

BCSC 203
Introduction to Research Methods
3 Credits Weekly (3-0-0)
This course introduces quantitative and qualitative research methods including empirical research, ethnography, narrative analysis, and phenomenology within the context of communication research questions. Specifically, students learn to evaluate secondary sources, gather accurate and meaningful information from primary sources through methods such as surveys, and examine the concepts of reliability, validity, generalizability, and professional ethics.Students complete a research project.
Prerequisites: A minimum grade of C- in ENGL 102.

BCSC 204
Foundations in Sustainability Communication
3 Credits Weekly (3-0-0)
In the spirit of our namesake, Dr. J.W. Grant MacEwan, and our university's focus on sustainability, this course introduces fundamental concepts in human communication about our natural environments in the face of rising ecological, social and economic threats to the sustainability of the Earth's ecosystems, all life on it and the societies we have created. Students will explore how human communication constructs the environment and our relationships to it, and apply strategies appropriate to creating and disseminating messages about sustainability. They will study and apply ethical considerations in sustainability communication, including the role of advocacy in scholarship and practice. Also, students will provide critical evaluations of sustainability messages in diverse fields, while building a foundation to create their own sustainability communications.
Prerequisites: BCSC 101 or SUST 201.

BCSC 205
Introduction to Film Studies and Narrative
3 Credits Weekly (3-0-0)
This course is designed to acquaint students with the history of narrative film, with the fundamentals of how film communicates ideas, generates narratives, and evokes emotions, and with various other kinds of cinema including documentary and animated film. It also aims to enable students to watch films more closely so that their viewing will become more active and hence, a richer experience. Note: Credit can be obtained in only one of BCSC 205 OR ENGL 288.
Prerequisites: ENGL 102 and either 3 credits of ENGL (p. 725*) (not including ENGL 108, ENGL 111, or ENGL 211) or any 100-200 level* BCSC (p. 664*) course.*

BCSC 206
Introduction to Audio and Video
3 Credits 45-0-0
Audio and video content are increasingly popular forms of communication for online audiences. This course builds on skills learnt in BCSC 102, and students are introduced to the necessary tools and skills to create audio and video content for an online audience. In this course, students learn basic audio and video editing skills on industry-standard editing software. They learn how to capture audio and video on professional and mobile recording equipment, and learn about production workflow management in digital communication. By examining historical and contemporary examples of audio and video communication, students develop both the technical and soft skills necessary to succeed in the modern communication landscape. They develop skills in the basic functions of key digital applications widely used today for creating audio and video content. Students leave the course with basic knowledge and digital skills needed to create audio and video content for projects and have a basic understanding of how to manage audio and video campaigns.
Prerequisites: Minimum grade of C- in BCSC 102.

BCSC 207
Documentary Film Principles and Practices
3 Credits Weekly (3-0-0)
This course explores what the term documentary film means and examines the ways its forms and ethics have changed since the beginning of cinema. It focuses on nonfiction narrative films that work with and against documentary realism's claims of transparency and authenticity. Students examine documentary cinema from its beginnings in the 1920s through the 1980s, concentrating especially on Canadian/U.S and European filmmakers. Students are introduced to a wide variety of documentary forms so they can see how these films variously represent significant social phenomenon. Students examine how these representations express particular perspectives and worldviews and how they reflect or self-reflexively comment on documentary realist techniques. Students explore some of the theoretical questions that constantly surround this most philosophical of film: How do these films shape notions of truth, reality and point of view? What are the ethics and politics of representation and who speaks for whom when we watch a documentary? What do documentaries make visible or conceal? What, if anything, constitutes objectivity?.
Prerequisites: A minimum grade of C- in BCSC 205 or ENGL 288.

BCSC 210
Introduction to News Reporting
3 Credits Weekly (3-0-0)
This course introduces the practice of news reporting and the principles of writing a news story. Students focus on the reporter's core skills and abilities: story development and research, the interview, verifying facts, handling quotations and writing for publication in the variety of contemporary news media. The standards of accuracy, fairness, balance and journalistic responsibility are emphasized. Discussions include the role of the journalist as a purveyor of news and an arbiter of social issues, and the rapidly changing face of the news business.
Prerequisites: A minimum grade of C- in BCSC 100.

BCSC 211
News Production Process
3 Credits Weekly (3-0-0)
This course examines the aesthetics and design principles of news production for both print, online and other publications. A central focus throughout the course is the ways in which new technologies are transforming news reporting and publishing and the opportunities and challenges arising from these new technologies. Working in a hands-on learning environment, students prepare stories for publication in a number of mediums, paying particular attention to how a story changes as it migrates to different platforms. The impact of clear writing, effective visual and multimedia elements will also be explored.
Prerequisites: A minimum grade of C- in BCSC 102 and BCSC 210.

BCSC 215
Proofreading and Copyediting
3 Credits Weekly (3-0-0)
In this course, students learn to use the tools and resources necessary to copyedit and proofread at a professional standard. Students learn to distinguish proofreading from copyediting, increase the speed and accuracy of their editing, and select and follow an appropriate style guide for a particular project. They also examine some of the larger issues in professional editing: authorial intention versus editorial responsibility, in-house versus freelance employment, copyright, professional conduct and ethics, and the importance of deadlines in the publishing process.
Prerequisites: A minimum grade of C- in BCSC 100.

BCSC 216
Professional Communication
3 Credits Weekly (3-0-0)
Professional communication is a new and evolving field that considers information and the way it is created, distributed, managed and consumed. In this course, students learn and apply the theories of professional communication. They analyze information and develop strategies and techniques for internal and external communication. Considering print and oral formats but with a focus on digital formats, students plan, execute, and evaluate communication, then adapt their practice to meet dynamic and evolving organizational or institutional needs. Recent trends will be considered, contributing to students' understanding of the context of professional communication. Throughout, students explore what constitutes professionalism and ethical practice in the context of contemporary professional communications.
Prerequisites: A minimum grade of C- in BCSC 101.

BCSC 221
Writing to be Heard
3 Credits Weekly (3-0-0)
In this course, students learn to write for the ear. They closely examine speeches and presentations for key messages and persuasive technique, then prepare and deliver a presentation or speech. Theories of writing and listening are applied as students determine communication objectives, write and rehearse a speech or presentation that engages, inspires and motivates an audience. By the end of this course, they offer constructive, critical analysis of the content and delivery of a speech or a presentation.
Prerequisites: Minimum grade of C- in BCSC 100.

BCSC 223
Introduction to Screenwriting
3 Credits Weekly (3-0-0)
Students are introduced to writing for film, television and video productions. Screenwriting genres are examined and students work with essential elements of a screenplay such as theme, character, story structure, dramatic objectives, conflict and resolution, scene creation and sequencing, the relationship between audio and video elements, and screenplay formatting. Each student presents a key concept in screenwriting and script analysis, and students exchange feedback in a workshop simulation of the working environment of a story department in a production studio.
Prerequisites: A minimum grade of C- in BCSC 100, or BCSC 205, or ENGL 288.

BCSC 241
Introduction to Technical Communication
3 Credits Weekly (3-0-0)
This course introduces students to the many professional contexts in which technical communicators practise. By considering various elements of technical communication and communication theory, students learn and practise adapting specialized information for global audiences, and expert and non-expert audiences. Students also examine professional ethics required of technical communicators and the potential consequences of unethical practice.
Prerequisites: A minimum grade of C- in BCSC 200.

BCSC 253
Classical and Modern Rhetoric
3 Credits Weekly (3-0-0)
Students use tools of persuasion to build arguments on a variety of topics. They learn to construct written arguments and arrange those arguments in effective and appropriate patterns. Looking at persuasive techniques going back to the Ancient Greeks, students search for and evaluate similar strategies in contemporary texts. By the end of this course, they understand the ethical, aesthetic and political dimensions of persuasion.
Prerequisites: Minimum grade of C- in BCSC 100.

BCSC 260
Substantive and Structural Editing
3 Credits Weekly (3-0-0)
In this course, students examine the objectives and techniques of stylistic, structural, and developmental editing by working through large, complex projects. Throughout the course, students engage with editorial and rhetorical theory, refining their editorial skills and applying independent critical analysis to scenarios involving print and online publishing.
Prerequisites: A minimum grade of C- in BCSC 215 or PROW 135.

BCSC 282
Short Written Forms
3 Credits Weekly (3-0-0)
In this course, students expand their creativity and problem-solving skills to address writing and editing contexts requiring tightly written prose. They study the history and context of short forms and develop potent samples, relying on scholarship and accurate and effective audience analysis, diction, structure, tone and form. Students learn to produce tight, effective prose that communicates in few words with great power.
Prerequisites: Minimum grade of C- in BCSC 100.

BCSC 302
Online Content Production
3 Credits Weekly (3-0-0)
Professional communicators are increasingly required to create content for online audiences. Building on BCSC 202, this course challenges students to plan, research, pitch and create content for online audiences using digital tools. Students will create project-specific content that requires audience analysis, online research, creating visual assets, creating audio assets, creating video assets, and authoring metadata, while drawing on communication fundamentals applied effectively and ethically across a global, multi-channel environment.
Prerequisites: Minimum grade of C- in BCSC 202.

BCSC 303
Popular Culture and Film Studies: Film Noir
3 Credits Weekly (3-0-0)
The course explores the popular trend of film noir by way of an in-depth examination of the components of noir: its thematic predispositions, its misanthropic narratives, and its stylized visuals; the course explores the interrelation of noir and the zeitgeist, including, political structure, social structure, interpersonal relationships, identity, and sexuality. Students explore noir's contribution to "feminist film" theory, "queer film" theory and character-based psychoanalytic readings. Cultural forms from diverse consumer media are discussed and analyzed, including, but not exclusive to, the novel, short story and the serialized novel, comic books and comics in newspapers, episodes, series and miniseries for television, and other related media from the popular press, the Internet, and social media. Additionally, particular attention is focused on the construction of film images, dialogue, editing, sound, and the varied modes of organizing core elements in the modern history of film noir.
Prerequisites: A minimum grade of C- in BCSC 205 or ENGL 288.

BCSC 305
Popular Culture and Film Studies: Science Fiction
3 Credits Weekly (3-0-0)
This course informs students about the history of popular themes in the genre of science fiction. In addition to an in-depth examination of thematic developments of science fiction, course content explores the interrelation of cultural forms from diverse consumer media, including, but not exclusive to, the novel, short story and the serialized novel, comic books and comics in newspapers, musical songs and concept albums, dramatic plays, musicals and opera, feature and experimental films, episodes, series and miniseries for television, and other related media from the popular press, the Internet, and social media. Students examine concepts and concerns central to film and media studies, including the construction of film images, dialogue and editing; film narrative, genre, authorship, national cinemas, and canon construction.
Prerequisites: A minimum grade of C- in BCSC 205 or ENGL 288.

BCSC 306
Ethical Practice and Portfolio
3 Credits Weekly (3-0-0)
This course examines common ethical and practical considerations as students prepare to enter the workplace. Students reflect on the knowledge and skills they have gained in their classroom study and explore their readiness to work. They then apply their skills and interests to identify employment opportunities and develop employment materials. The ultimate goal of the course is to develop a portfolio to present to internship employers.
Prerequisites: A minimum grade of C- in BCSC 301 or BCSC 307.

BCSC 307
Communication Law I
3 Credits Weekly (3-0-0)
The law affects every aspect of a professional writer's career in Canada, from determining the rights one possesses in one's work, to defending one's freedom of expression guaranteed under the Charter of Rights and Freedoms. In this course, students examine how the Canadian constitution, legislation and jurisprudence interact to delineate the boundaries of a writer's legal rights and obligations within the scope of contemporary communication technologies. Students will also gain a practical understanding of the legal aspects of freelance writing for a living, and the law as it relates to copyright, contracts, and defamation.
Prerequisites: A minimum grade of C- in BCSC 200.

BCSC 308
Communication Law II
3 Credits Weekly (3-0-0)
This course expands upon the foundational legal groundwork provided in the BCSC 307: Communication Law I - Introduction. It starts with a “ground up” examination of civil and criminal procedure before the courts before moving to a practical lesson in conducting legal research and reading and understanding court cases. Communication Law II then explores the legal boundaries of freedom of expression, studying how courts weigh the right of free speech against the harm caused by different forms of expression, including hate speech and obscenity. The course will also engender a deeper understanding of the professional responsibilities a career writer has, toward not only individuals who can be affected by the publication of a written work, but to society as a whole.
Prerequisites: A minimum grades of C- in BCSC 200 and in BCSC 307 or BCSC 301.

BCSC 310
Strategic Communication Planning
3 Credits Weekly (3-0-0)
In this course, students gain critical information, insights and skills in strategic communication research and planning. They learn to apply research and planning skills in solving communication issues or problems. They also learn how to apply situation analysis (e.g., S.W.O.T - Strengths/Weaknesses/Opportunities/Threats) and audience analysis (e.g., demographics, psychographics, knowledge, concerns) as part of the strategic communication planning process. Students gain crucial experience in crafting key messages as well as writing and presenting formal strategic communication plans that are vital to advancing organizational interests and goals.
Prerequisites: Minimum grade of C- in BCSC 216.

BCSC 313
Intermediate News Reporting
3 Credits Weekly (3-0-0)
Building on the fundamentals of news reporting, this course emphasizes journalism basics – thorough research, effective interviewing, and clear, concise writing – as the foundation of good news production. Students confront increasingly challenging story assignments as they take their ideas from pitch to production. The course will also explore new ways of multimedia storytelling and community engagement. Journalistic ethical standards are examined in complex, real-world case studies.
Prerequisites: Minimum grade of C- in BCSC 210 and BCSC 322.

BCSC 320
News, Media and Democracy: Understanding Information in the 21st-Century
3 Credits Weekly (3-0-0)
This course focuses on media criticism from the late 19th century to today, from the founders of communication studies at the University of Chicago in the 1890s to critical analyses of the current state of the news media, and the uses of social media as conduits for strategic communication disguised as objective reporting. The aim is to develop a level of media literacy and critical thinking that will enable students to understand the workings not just of the traditional media, but the alternatives as well, and to understand how misinformation is placed into the public discourse, capitalizing on a new understanding of targeted marketing, psychological manipulation and behaviour modification.

BCSC 322
Interviewing Techniques
3 Credits Weekly (3-0-0)
In this course, students hone their interviewing skills and gain self-confidence through assignments of increasing complexity. Of central importance is to instil in the student a sense of professionalism and proper interview etiquette. Topics include pre-interview planning and research, types of interviews, interview principles and techniques, choosing and attributing sources, and producing interviews for multimedia platforms. Legal and ethical responsibilities of a journalist are also covered.
Prerequisites: BCSC 100.

BCSC 323
Photojournalism
3 Credits Weekly (3-0-0)
Journalism includes the special talents of photojournalism, telling the news story through compelling and meaning-filled images. This course focusses on the photojournalist's research into and interpretation of the news story, planning and taking of photographs. On completion of this course, students are able to engage a reader and arouse emotion as they combine the reporter’s skill and photographic technique with creative effort to report the news through a journalistic lens.
Prerequisites: BCSC 210.

BCSC 325
Radio News and Documentaries
3 Credits Weekly (3-0-0)
This course explores narrative construction in a variety of radio story formats in news and current affairs, including documentary. Students examine sound theory, paying close attention to how sound constructs meaning for the listening audience. They develop competencies in professional and technical skills unique to the medium, including radio interviewing skills, broadcast writing conventions, audio recording and editing, voice delivery, news and radio show lineup, and podcasting practices.
Prerequisites: Minimum grade of C- in BCSC 210.

BCSC 326
Rhetoric of Popular Culture
3 Credits Weekly (3-0-0)
Students critique popular culture as a form of rhetoric, deconstructing its arguments and their social and commercial effects. They apply rhetorical theory in major pop culture contexts and investigate the effects of current media and communications convergence on the forms and content of popular culture. The course contrasts pop culture derived from mainstream and alternative media, and examines hierarchies of cultural forms, assessing the significant of "high" and "low" culture. Ultimately, students develop the ability to overlay rhetorical principles onto pop culture media to create powerful tools for change and control.
Prerequisites: A minimum grade of C- in BCSC 253.

BCSC 327
Online News Reporting: Journalism in the Digital Age
3 Credits Weekly (3-0-0)
This course examines the gathering and production of news and information for an Internet audience. It builds on the reporting, editing and writing skills students have developed in basic reporting, and intermediate reporting, and adds web-specific methods of research, storytelling and news presentation. Students also examine new-media ethics, process and production, and the evolving impact of technology – such as fake news, fact-verification and user-generated content.
Prerequisites: Minimum grade of C- in BCSC 313.

BCSC 328
Documentary Screenwriting
3 Credits Weekly (3-0-0)
This course focuses on the theory and practice of writing documentary screenplays for cinema, television, and digital platforms. It also explores the history of this genre. Students examine historical and contemporary documentaries, emphasizing Canadian productions and their influence on the documentary form. Students also consider the ethical decisions requiring filmmakers to align their messages with information, fact and reality. A brief survey of treatments and functions of a documentary (such as training and education, political, social activist, and cultural and art-house films and videos) provides the foundation for a story idea and treatment, industry-standard outline and professional shooting script that students will develop in this course.
Prerequisites: A Minimum grade of C- in BCSC 223, or BCSC 205, or ENGL 288.

BCSC 330
Intermediate Strategic Communication
3 Credits Weekly (3-0-0)
This course focuses on the implementation phase of a strategic communication project or campaign with an emphasis on tactics. Using case studies as a foundation, students examine an organization's goals and propose a communications plan to ensure communication effectiveness. Students explore a range of communication tools, both conventional and emerging, and reflect on the implementation process from the perspective of various communication theories.
Prerequisites: Minimum grade of C- in BCSC 310.

BCSC 331
Corporate Narrative
3 Credits Weekly (3-0-0)
In this course, students examine the types of organizational 'storytelling' with a strategic role and function in communications planning. Students explore narrative theory and apply its concepts to organizational communications and strategies. As students case-study organizational narratives and develop the ability to identify and capture memorable, innovative and effective stories, they will translate stories into design and media products, including multimedia, reports, social media content, and presentations for the organization's audiences.
Prerequisites: A minimum grade of C- in BCSC 216.

BCSC 332
Writing and Publishing Prose I
3 Credits Weekly (3-0-0)
Students develop knowledge of the theory and skills in the practice of writing prose for publication. Students read and write widely in prose forms and genres, with an emphasis on literary fiction and creative nonfiction. Students develop the knowledge and skills to publish their work through recognized national and international platforms.
Prerequisites: Minimum grade of C- in BCSC 100 and in one of English 103, 104, or 105.

BCSC 340
Technical Communication for Digital Applications
3 Credits Weekly (3-0-0)
In this course, students become familiar with software development processes and learn about technical communication documentation for custom digital applications and commercial software. Students determine the characteristics of successful documentation for digital applications, including procedural, tutorial, and reference materials for internal and external audiences, and online user assistance such as help, guided tours, and in-depth articles. They examine options in methodology, with an emphasis on task orientation, and discuss how the fast-changing and multi-platform nature of this field affects their tasks. Students replicate a full digital application documentation project cycle, organizing a development team, producing a documentation plan including user analysis, assessing the effectiveness of their documentation through usability tests, creating and presenting a prototype print version, and developing appropriate online user assistance functions.
Prerequisites: Minimum grade of C- in BCSC 241.

BCSC 341
Literary Journalism
3 Credits Weekly (3-0-0)
Students explore the history and structure of literary journalism, reading past and present examples of the genre, as well as essays on the craft. Through their readings, students will dissect the narrative and the extensive research that drives it. Students will analyze the genre's origins and future; definitive characteristics, techniques and styles; social, artistic and political influences; ethical and professional issues.
Prerequisites: Minimum grade of C- in BCSC 210 or BCSC 253.

BCSC 342
Writing for Periodicals
3 Credits Weekly (3-0-0)
Whether in print or online, the editorial content of periodicals comprises various forms of articles. Students learn the forms and ingredients of articles written for newspapers, magazines, and newsletters in local, regional, and national contexts. Starting with editorial and readership analysis, students embark on the article-writing process: they shape topics into story ideas, identify appropriate primary sources, carry out interviews, and incorporate the formal elements of article writing into publishable copy. Students also consider the market for print and online periodicals in both a Canadian and a North American context, examine the effects of media ownership on magazine publishing, and, throughout the course, examine the ethical issues that arise in the periodical industry.
Prerequisites: Minimum grade of C- in BCSC 210 or BCSC 253.

BCSC 343
Introducing Creative Nonfiction
3 Credits Weekly (3-0-0)
In creative nonfiction, writing the human experience meets art and truth. In this course, students examine the literary forms of creative nonfiction, including the personal essay, literary diaries, and memoir, and the sub-genres of creative nonfiction, including literary travel writing, nature writing, science writing, and cultural criticism. Students also look at current and emerging trends in the genre. By reading extensively and broadly, analyzing what they read with a particular focus on the theory and craft of writing creative nonfiction, students gain a broad understanding of what is sometimes known as the fourth genre. Note: Credit can be obtained in only one of BCSC 343, CRWR 399, or CRWR 306.
Prerequisites: Minimum grades of C- in BCSC 100 and in one of ENGL 103, ENGL 104, or in ENGL 105.

BCSC 352
The Media and the Message
3 Credits Weekly (3-0-0)
In this course, students examine media relations from both theoretic and applied perspectives. They learn to place media relations within the communicative frameworks of identity, image, and reputation; risk, issues, and crises; and various definitions of the public sphere. They analyze the effects of media logic upon an organization's choice of message channel, so as to formulate strong recommendations and effective key messages. Overall, the course provides the student with a deeper understanding of the power, ethics, and responsibilities of the student's future role as a professional participant within today's complex media ecology.
Prerequisites: Minimum grade of C- in BCSC 100.

BCSC 360
Magazine Editing
3 Credits Weekly (3-0-0)
Building on skills learned in previous editing courses, students model professional practice in developing the prospectus for a potential magazine. Students examine elements of magazine editing from editorial vision through published pages. Throughout the course, students apply creative processes in a team setting and provide constructive criticism of their own and others' work.
Prerequisites: A minimum grade of C- in BCSC 260.

BCSC 361
Book Editing
3 Credits Weekly (3-0-0)
Students develop as editors by investigating the field of book editing in the context of commercial publishing. They consider the evolution of North American book culture and contrast it with that of other Western societies. Students analyze current issues in book editing as they examine the processes of publishing a book, from manuscript acquisition and development to retail purchase, with an emphasis on Canadian publishing. Throughout the course, students continue to improve their editing knowledge, judgment, and skills through readings, discussions, exercises, written assignments, and guest speakers.
Prerequisites: A minimum grade of C- in BCSC 260.

BCSC 362
Print Culture Studies
3 Credits Weekly (3-0-0)
Students survey the development of print-based communication and critically analyze the cultural context of books, magazines, and newspapers as material objects. This surveys includes the history of print technologies; the rise of professional writers; the development of a literate marketplace through mass education; the structure of cultural classes; and the possible disappearance of print in a global society that is embracing digital media and encouraging communication convergence.
Prerequisites: A minimum grade of C- in BCSC 200.

BCSC 365
Editing and Publishing Poetry
3 Credits (3-0-0)
This course examines the enterprise of writing, editing, and publishing poetry. Students examine the economic viability, cultural significance, and resilience of poetry and evaluate how individual poems, poetry volumes, and collected editions may be edited and published most effectively or appropriately. Students read poetry and poetic theory counterposed against readings and discussions about the practical economics of grant funding, journal publishing, and a small pool of readers. Although the focus is on editing, publishing, and the political economy of cultural production, students interested in writing poetry may benefit from the critical reading and broader perspective on their discipline.
Prerequisites: Minimum grade of C- in BCSC 260.

BCSC 379
Public Affairs Data Journalism
3 Credits Weekly (3-0-0)
Students explore how journalists find stories in data, and, how visualizing data adds depth and insight for the reader. In this hands-on course, students work like data journalists by collecting and organizing data; then, students apply the tools of analysis to find the facts, trends, and patterns that reveal a story. Principles of data visualization are also discussed as students write and produce a web-based news story complete with information graphics.
Prerequisites: BCSC 210 or BCSC 203.

BCSC 380
Independent Study in Communications
3 Credits Total (0-0-15)
This course offers third- and fourth-year students the opportunity to explore a topic of interest in depth. With guidance from a faculty adviser, students produce original research, engage in deep reading in a subject area, or undertake creative production. Prior to registration, students must discuss a topic and propose an approach to independent studies with a faculty supervisor. Note: May be taken twice for credit.
Prerequisites: Minimum grade of C- in BCSC 203 and permission.

BCSC 385
Specialized Reporting
3 Credits (3-0-0)
This seminar engages students in the special reporting and editing practices related to specialized beats, such as business and finance, sports, health, science, arts and entertainment, environment, and politics. Course content varies from section to section, and sections will be offered according to contemporary concerns, availability of faculty with the requisite expertise, and student interest. As an outcome to each section, students will be able to demonstrate the application of practical and theoretical knowledge of the beat, through writing, editing and reporting assignments, as well as group projects and, perhaps, research papers. This course will be especially helpful to students who have a specialized career that they wish to pursue.
Prerequisites: Minimum of B- in BCSC 313.

BCSC 395
Professional Field Placement and Practice
3 Credits Total (0-0-180)
Students gain work experience typical of an entry-level professional communicator. Under the guidance of a faculty supervisor, students apply the knowledge and skills they have acquired in their first three years of study to a work situation. Concurrent or following the field placement, students reflect on aspects of professional practice and conduct research into a topic related to their career plans.
Prerequisites: A minimum grade of C- in BCSC 306.

BCSC 397
Digital News Publishing I
3 Credits
Building on the fundamentals of news reporting, students will be immersed in a digital newsroom environment to take their ideas from pitch to publication. As a practice-based course, students will work closely with editors while undertaking regular reporting of the news in Edmonton and surrounding areas. As such, students will complete a portfolio of journalistic work, published as multimedia news packages, that meets or exceeds the ethical and legal standards of digital news production.
Prerequisites: At least a C- in BCSC 102, BCSC 210, and BCSC 322.

BCSC 398
Professional Field Placement
3 Credits Total (0-0-180)
Students gain work experience in tasks and assignments typical of an entry-level journalist or professional communicator. Under the guidance of a faculty supervisor, students apply the knowledge and skills they have acquired in their first three years of study to a work situation. The field placement is a crucial component of the program, integrating theory and practice and demonstrating the values and attitudes acquired through classroom study.
Prerequisites: Minimum grade of C- in BCSC 306.

BCSC 400
Intercultural Communication
3 Credits Weekly (3-0-0)
This course is designed to examine the principles and processes of communicating from one culture to another. Students will identify and assess the major challenges presented by intercultural interactions both at home and abroad. These challenges include developing cultural awareness, cultural sensitivity, and intercultural communication competence. Students will apply what they have learned in developing strategies and skills to communicate effectively with people from other cultures, a capability that is critical in the increasingly culturally diverse workplace and globalized society.
Prerequisites: A minimum grade of C- in BCSC 200.

BCSC 411
Advanced Research Methods
3 Credits Weekly (3-0-0)
In this course, students build on skills and knowledge acquired in the introductory research course and expand their applied knowledge of quantitative and qualitative research. The course covers at a senior level the principles and ethics of scientific inquiry, hypothesis construction, research design, data collection, sampling, interpretation of statistics, ethnographic research, and evaluation of results. Students collaboratively plan and deliver one group research project, as well as design and deliver one individual research project.
Prerequisites: Minimum grade of C- in BCSC 203.

BCSC 412
Advanced News Reporting
3 Credits Weekly (3-0-0)
Today's news environment requires that journalists be adept in a variety of story-telling media. Whether in a newsroom environment or as an individual agent, the journalist must be able to think in terms of video and audio reporting and story-telling as well as print. This course build on skills students have acquired in their basic, intermediate and online reporting pre-requisites by adding blogging, TV news production and podcasting to the mix.
Prerequisites: BCSC 327.

BCSC 415
Global Media Systems
3 Credits Weekly (3-0-0)
In this course, students survey media 'systems' hailing from various countries. Such systems include business sectors, communication technologies, government policies, and ideologies. Particular attention is paid to Canadian institutional strategies and audience receptions, as these operate at global scales or within global contexts. Students analyze mutual influences between global media and related contemporary developments - from cultural trends and political events to economic and technological changes. Students direct special focus at tensions between globalization and national/local concerns, so as to determine how these interrelationships play out in today's mass-media messaging and manoeuvring.
Prerequisites: A minimum grade of C- in BCSC 320.

BCSC 418
Organizational Communication Theory
3 Credits Weekly (3-0-0)
In this course, students examine the major theories in organizational communication scholarship. They apply these theories to empirical case studies in projects such as presentations and a final paper. Specific subjects to be worked on include: the ethical and ideological implications of strategic organizational communication; intercultural and gender relations and contestations in organizations; communication as central to organizational systems and culture/climate; and how communication technology such as social media are impacting organizations, and vice versa. Covered scholarly content will trace historically back to classical organizational theories, focusing on their communicative aspects or implications. Modern and contemporary theoretical traditions will then be surveyed, such as: administrative; critical, feminist, postmodernist, network-theoretical, risk-theoretical, and discourse-analytical (rhetorical) approaches to the study of communication in and by organizations.
Prerequisites: Minimum grade of C- in BCSC 200 and in BCSC 310.

BCSC 420
Online Journalism Workshop: News Production for Digital Platforms
6 Credits Weekly (3-3-0)
Journalists today are required to be masters of all trades. That means, whether working in a newsroom setting or as independent agents, they must be a competent storytellers in a variety of media: print, video, audio and still photography. They must also be able to use various data-gathering and graphic storytelling technology to research and bring value-added material to their stories. This course aims to provide students with a professional-quality setting in which they can hone all these skills in the production of a weekly news site that will provide a public service to the communities around the university.
Prerequisites: A minimum grade of C- in BCSC 412.

BCSC 422
Advanced Reporting and Writing: The Feature
3 Credits Weekly (3-0-0)
This course focuses on long-form narrative journalism. Students identify and develop solid feature story ideas ranging from short profiles and observational pieces, to one, major final feature of any description – service piece, profile, analytical news feature, the in-depth narrative. Students are able to experiment with style and voice to build engaging narratives that will be published in our annual general-interest, online feature magazine, The Scavanger, which the students will also produce.
Prerequisites: Minimum grade of B- in BCSC 313.

BCSC 423
Broadcast News Current Affairs
3 Credits Weekly (3-0-0)
In this course, students re-purpose their reporting skills to create visually compelling stories for a variety of platforms, including television news, public affairs programs, and social media channels. Storytelling that incorporates video broadcast elements requires a dramatically different approach to reporting than a story in print. Critically examining the opportunities and limitations of the medium, particularly as a conveyer of social issues, students examine industry values, standards, and assumptions implicit in decisions made concerning digital news content. They also gain familiarity with techniques of shooting, writing, editing, and producing digital news for visual channels.
Prerequisites: A minimum grade of C- in BCSC 313.

BCSC 424
Reporting on Canadian Politics
3 Credits Weekly (3-0-0)
This course offers a twofold approach to Canadian political reporting, focusing on both the processes and institutions of government and on journalistic methods to cover politics at all levels. Students learn how the Canadian government operates at the federal, provincial and municipal levels and discuss the role of political parties, elections and the electoral system, interest groups and legislative and executive branches of government. In examining the often symbiotic relationship between politicians and media, they analyze the ways in which governments and journalists interact to produce today's news. The role of the journalist as a democratic watchdog is emphasized. This course addresses the question of whether reporters can cover a political beat effectively, impartially and ethically. Students produce news reports and also consider new forms of political reporting such as blogging, which enable journalists to facilitate public discourse.
Prerequisites: Minimum grade of C- in BCSC 313.

BCSC 425
Investigative Journalism
3 Credits Weekly (3-0-0)
Investigative journalism requires patience, resourcefulness, clear thinking, meticulous attention to detail and a dogged determination to uncover the truth. This course examines the importance of, and risks associated with, investigative reporting in democratic societies such as Canada. Students focus on how to start and sustain a prolonged investigation, investigative interviewing, researching public records, the pros and cons of anonymous sources and filing access to information requests.
Prerequisites: Minimum grade of C- in BCSC 313.

BCSC 426
Advanced Seminar in Journalism
3 Credits Weekly (3-0-0)
This seminar engages students in an in-depth and focused study of a significant topic or issue in journalism. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and/or theoretical knowledge of the field through a project or a research paper. This course will be especially helpful to senior students wishing to pursue graduate studies.
Prerequisites: A minimum of C- in two of the following: BCSC 205, BCSC 312, BCSC 313, BCSC 320, BCSC 322, BCSC 323, BCSC 324, BCSC 415, BCSC 423, BCSC 425, ENGL 102, ENGL 288.

BCSC 430
Advanced Strategic Communication
3 Credits Weekly (3-0-0)
In this course, students examine communication theory in the context of complex communications practice. Students advance their research, organizational analysis, and rhetorical skills in the evaluation of a real-world communication campaign. Depth of analysis and academic insight are emphasized. Ultimately, students make and defend original assessments and recommendations about communication effectiveness.
Prerequisites: Minimum grade of C- in BCSC 310.

BCSC 431
Advanced Seminar in Strategic Communication
3 Credits Weekly (3-0-0)
This seminar engages students in an in-depth and focused study of a significant topic or issue in strategic communication. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.
Prerequisites: Minimum grade of C- in BCSC 430.

BCSC 432
Writing and Publishing Prose II
3 Credits Weekly (3-0-0)
This course builds on students' work in BCSC 332 and is intended for students with strong interest and demonstrated skills in creative prose. The emphasis is on literary forms, specifically literary fiction and creative nonfiction. This course provides an intensive workshop experience and culminates with the production of a polished portfolio of work ready for submission to publishers.
Prerequisites: Minimum grade of B- in BCSC 332 and portfolio review.

BCSC 440
Technical Communication: Safety Standards and Policies
3 Credits Weekly (3-0-0)
In this course, students survey industries that rely heavily on safety documentation, and consider the role of policies, practices, and procedures in creating a safety culture. They analyze safety processes and documentation and discuss the role of the three levels of safety controls to mitigate hazards. Students consider ethics and track the evolution of safety in industry. They review the safety- and engineering-related laws and standards in Canadian and international jurisdictions and determine how to locate pertinent safety regulations and standards for a specific topic. They assess methods for creating or revising documentation for safe work policies, practices, and procedures; safety orientations and training; emergency preparedness and response; quality assurance and control; and securing certificates of recognition from certifying safety partnerships.
Prerequisites: Minimum grade of C- in BCSC 340.

BCSC 441
Technical Communication for Policy Writing
3 Credits Weekly (3-0-0)
Policies act as the rudder steering the people and processes of organizations and government agencies toward their stated goals. Technical communication can be the key to ensuring that these documents are clear and effective and encourage compliance. Students in this course describe the differences among policies, practices, and procedures and identify the characteristics of written goals that are implementable and measurable. They look at the legislation and regulations often related to policies, and address the effect of globalization on policy writing. Through critical analysis of samples of policies and human resource handbooks, students learn to anticipate potential consequences of policy wording, including the impact on organization culture. They also identify the role of policies and goals in defining responsibilities, coping with organizational change, and treating sensitive issues in human resources.
Prerequisites: Minimum grade of C- in BCSC 340.

BCSC 450
Video Production
3 Credits Weekly (3-0-0)
This production-based course engages students to research a topic in-depth and focuses on the creation of an individual long-form, unscripted video project on the topic of the students' choice. As an outcome of the course, students are able to demonstrate application of practical and theoretical knowledge of video production through an unscripted video project This course will be especially helpful to senior students wishing to pursue graduate studies, and for those who wish to work in digital and media production.
Prerequisites: Minimum grade of C- in BCSC 302.

BCSC 452
Advanced Seminar in Technical Communication
3 Credits Weekly (3-0-0)
This seminar engages students in an in-depth and focused study of a significant topic or issue in technical communication. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and/or theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.
Prerequisites: Minimum grade of C- in two of the following: BCSC 340, BCSC 440, BCSC 441, BCSC 411.

BCSC 461
Production Editing and Publication Management
3 Credits Weekly (3-0-0)
This course examines production processes, which form the hub of publishing activity. Students develop their creativity and problem-solving skills as they prepare specifications, source suppliers, compile costing sheets, develop schedules and evaluate project quality. They benefit from interacting, in the classroom and on field trips, with industry materials, technologies and experts.
Prerequisites: A minimum grade of C- in BCSC 260.

BCSC 462
Advanced Seminar in Editing and Publishing
3 Credits Weekly (3-0-0)
This seminar engages students in an in-depth and focused study of a significant topic or issue in editing and publishing. Course content varies each year depending on contemporary concerns and interest of faculty as well as students. The seminar topic is announced prior to registration. As an outcome of the course, students are able to demonstrate application of practical and theoretical knowledge of the field through a project or research paper. This course is especially helpful to senior students wishing to pursue graduate studies.
Prerequisites: Minimum grade of C- in at least two of the following courses: BCSC 260, BCSC 360, BCSC 361, BCSC 362, BCSC 461.

BCSC 480
Advanced Independent Study in Communications
3 Credits Total (0-0-15)
With guidance from a faculty adviser, senior students have the opportunity to engage in deep reading in a subject area, or a research project, or the opportunity to undertake an advanced creative project. Work undertaken in this course is expected to culminate in presentation, publication, or both. Prior arrangements with a faculty supervisor are necessary in advance of registration. Note: This course may be taken twice for credit.
Prerequisites: Minimum grade of C- in BCSC 411 or BCSC 380 and permission.

BCSC 497
Digital News Publishing II
3 Credits
In this practice-based course, students will co-manage a digital newsroom, which is focused on covering Edmonton and surrounding areas. Students will help supervise a team of reporters, select, edit, and produce news stories as multimedia news packages, and gain hands-on experience in content analytics, writing newsletters, and managing social media channels. Ethical and legal standards of professional journalism will be applied.
Prerequisites: CR in BCSC 397 and minimum grade of C- in BCSC 327.

BCSC 499
Innovation and Entrepreneurship: New Ventures in Digital Media
3 Credits Weekly (3-0-0)
This course explores the global forces shaping today's innovations in digital media. Students examine the accelerators underpinning the current digital innovation landscape; and, they practice a rigorous approach to launching an entrepreneurial initiative that will solve problems and serve consumers or audiences.
Prerequisites: Minimum grade of C- in BCSC 313.

BICM – Biochemistry

BICM 200
Introductory Biochemistry
3 Credits Weekly (3-0-0)
Biochemistry is the study of the chemistry of life. This course introduces students to the complexities of the cellular environment and its impact on the chemical reactions that occur in the cell. Structural and functional aspects of proteins and nucleic acids are examined. The course also introduces intermediary metabolism, focusing on carbohydrate metabolism. Emphasis is on the free energy changes that govern metabolic pathways, and their regulation and integration.
Prerequisites: Minimum grades of C- in BIOL 107 and CHEM 261.

BICM 310
Intermediary Metabolism
3 Credits Weekly (3-0-0)
This course explores the principles of intermediary metabolism, the chemical reactions by which organisms store and generate energy required for life. Topics include bioenergetics, as well as molecular mechanisms of regulation and integration of carbohydrate and lipid metabolism. Selected examples are used to illustrate how imbalances in metabolic pathways can lead to disease.
Prerequisites: Minimum grades of C- in BICM 200, CHEM 102, and CHEM 263.

BICM 340
Structure and Function of Biological Molecules
3 Credits Weekly (3-3-0)
Underlying the great diversity of living organisms is the unity of biochemistry - we are all made of the same biological molecules: proteins, lipids, carbohydrates and nucleic acids. In this course students will develop a fundamental understanding of the structural principles of biological molecules and connect it to the wide range of functions that are essential to life. Experimental methods used to study proteins, carbohydrates and nucleic aids will be introduced and applied in the laboratory.
Prerequisites: Minimum grades of C- in BICM 200 and CHEM 263.

BICM 450
Biochemistry of Viruses
3 Credits Weekly (3-0-0)
Viruses are the ultimate parasites. Possessing only the minimal components that they need to reproduce, they use ingenious biochemical trickery to invade a host cell and commandeer its biological functions in order to complete their infectious cycle. While the best-known viruses are agents of disease, they have also enabled the discovery of many biological phenomena and leading to development of medical and technological applications. In this course we will explore the structure and function of viruses, delving into some of the latest advances in our understanding of virus biochemistry.
Prerequisites: A minimum grade of C- in BICM 320, BICM 330, or BICM 340, plus a minimum grade of C- in one additional course from the following list: BICM 310, BICM 320, BICM 330, BIOL 300, BIOL 313, GENE 369, GENE 370.

BIOL – Biology

BIOL 020
Biology 20
5 Credits Weekly (6-0-0)
Biology 20 is equivalent to Alberta Education's Biology 20. The course deals with major concepts of systems, equilibrium, energy and matter. The major topics include cell dynamics, cellular pathways, the biosphere, evolution and natural selection, cellular matter and energy flow, matter and energy exchange in ecosystems, and matter and energy exchange by the human organism.
Prerequisites: SCIE 010 or equivalent.

BIOL 030
Biology 30
5 Credits Weekly (6-0-0)
Biology 30 is equivalent to Alberta Education's Biology 30. The course concentrates on many aspects of the human body - its function and maintenance. The major topics include the nervous system, hormones and controls, reproduction and human development, cell division and classical genetics, heredity and molecular genetics, population dynamics and populations and communities.
Prerequisites: BIOL 020 or equivalent.

BIOL 101
Current Issues in Human Biology
3 Credits Weekly (3-0-0)
This course explores "hot topics" in biology. Topics may include genetics, biotechnology, human diseases, immunology, and vaccines. Students evaluate valid and non-valid sources of information and build the skills to apply this knowledge in everyday life. Note: This course cannot be taken for credit if credit has already been obtained in BIOL 207 or BIOL 208.

BIOL 102
Nutrition and the Body
3 Credits Weekly (3-0-0)
Misinformation about diet is ubiquitous in popular culture. This course teaches the skills to evaluate valid and non-valid sources of nutritional information. The course explores food selection, metabolism, nutrients, and impacts of diet on health. Note: Students who have completed BIOL 207 or BIOL 208 will not be permitted to enrol in BIOL 102 without permission from the department.

BIOL 103
Humans and Their Environment
3 Credits Weekly (3-0-0)
This course provides an overview of global and local environmental issues that have accompanied human population growth. The course will explore examples of where critical actions are required to resolve environmental issues. Case studies compare environmental issues across countries. Note: This course cannot be taken for credit if credit has already been obtained in BIOL 207 or BIOL 208.

BIOL 107
Introduction to Cell Biology
3 Credits Weekly (3-3-0)
Enter the tiny and wonderful world of cells to gain a deeper understanding of how organisms work. Learn how in the smallest unit of life, the structure of each component is optimized to perform its unique function. Explore how cells obtain and use energy to power the processes of life. Examine how genetic information is safely stored, used, and copied by the cell. Delve into the scientific stories that led to the discovery of this knowledge and how it applies to the everyday lives of all organisms. Develop lab skills that will enable you to apply the scientific method to answer biological questions.
Prerequisites: Biology 30 and Chemistry 30.

BIOL 108
Introduction to Evolution
3 Credits Weekly (3-3-0)
From the dawn of life, the planet and its organisms have been shaped by Darwinian evolution. Discover the processes of evolution and how biologists classify taxonomic groups of organisms, apply the scientific method, and observe the living world. Experience the many adaptations of organisms that have led to the amazing biological diversity of life on Earth.
Prerequisites: Biology 30.

BIOL 201
Eukaryotic Cellular Biology I
3 Credits Weekly (3-0-0)
This course studies eukaryotic cellular processes including protein targeting and transport, secretion and endocytosis, and cellular signaling pathways. Common experimental techniques used to study cellular processes are discussed. Students dissect aspects of cellular function by interpreting examples of data from primary literature.
Prerequisites: Minimum grades of C- in BIOL 107 and in any 100-level CHEM (p. 680).

BIOL 205
Principles of Molecular Biology
3 Credits Weekly (3-3-0)
This course develops an understanding of molecular mechanisms for the propagation and expression of the genome in both prokaryotic and eukaryotic systems. The application of modern molecular biological techniques to the study of gene structure, function and regulation is emphasized. Basic techniques in molecular biology, data collection, and data analysis are fundamental to the laboratory component.
Prerequisites: A minimum grade of C- in BIOL 107.

BIOL 207
Principles of Genetics
3 Credits Weekly (3-3-0)
This course introduces principles of inheritance and explores the relationship between genotype and phenotype. Topics include the structure and replication of DNA, mutation, simple inheritance, genetic linkage, and gene interactions. Key historical experiments and the scientists responsible for them are discussed. The laboratory provides opportunity to investigate genetic principles using a variety of model organisms.
Prerequisites: A minimum grade of C- in BIOL 107.

BIOL 208
Principles of Ecology
3 Credits Weekly (3-3-0)
Examine interactions between organisms and their environment at the individual, population, community, and ecosystem levels. Discover how ecologists solve biological problems, apply the scientific method, and disseminate knowledge. In the laboratory, collect, analyze, interpret, and communicate ecological data.
Prerequisites: Minimum grades of C- in BIOL 108 and STAT 151.

BIOL 211
Introduction to Microbiology
3 Credits Weekly (3-3-0)
This course introduces the cell structure, physiology, and metabolism of microorganisms. Students investigate how microbes interact with their environment and with humans through examples of economically- and medically-important microbes. The ability to communicate this information to a non-scientific audience is developed through written work. Laboratory projects develop competency in key techniques common to microbiological research and diagnostic labs.
Prerequisites: Minimum grades of C- in BIOL 207 and in any 100-level CHEM *(*p. 680*) course.*

BIOL 300
Eukaryotic Cellular Biology II
3 Credits Weekly (3-3-0)
Students apply cell biology techniques to analyze eukaryotic cell function. A theoretical understanding of these techniques is used to discuss topics including cellular differentiation, the cytoskeleton, cell cycle regulation, tissue formation, and cancer mechanisms. Practical competency in techniques is developed in relevant laboratory projects. Students evaluate their own experimental results as well as data within primary literature and communicate their findings in both written and oral form.
Prerequisites: Minimum grades of C- in BIOL 201 and BIOL 205.

BIOL 310
Freshwater Ecology
3 Credits Weekly (3-3-0)
This course explores a range of freshwater ecosystems including lakes, rivers, groundwater, and a spectrum of wetland types with emphasis on Alberta environments. An examination of the physical and chemical aspects of water and nutrients is conducted. Adaptations and ecological roles of microbes, fungi, plants, and higher organisms are discussed. Critical abiotic and biotic interactions are considered. Laboratory and field activities introduce common techniques for collecting, studying, and measuring organisms and ecological processes in freshwater systems.
Prerequisites: A minimum grade of C- in BIOL 208.

BIOL 312
Terrestrial Ecology
3 Credits Weekly (3-3-0)
This course examines the abiotic and biotic interactions that contribute to the structure and functioning of terrestrial ecosystems and landscapes. Principles of ecosystem and landscape ecology will be discussed. Topics include: soils, energy and nutrient cycling, plant productivity, climate patterns and impacts, and causes and consequences of landscape structure. Discussions will emphasize, but not be limited to, Alberta environments. The laboratory focuses on a range of techniques used in studying and measuring ecological processes in terrestrial systems, and the critical evaluation, analysis and effective communication of ecological information.
Prerequisites: A minimum grade of C- in BIOL 208.

BIOL 313
Animal Developmental Biology
3 Credits Weekly (3-3-0)
Students explore how molecular and cellular mechanisms drive the embryonic development of vertebrate and invertebrate animals. Topics include differential gene regulation, intercellular communication, and morphogenesis related to development. Laboratory activities allow students to observe embryos and manipulate animal developmental processes.
Prerequisites: Minimum grades of C- in BIOL 201 and BIOL 205.

BIOL 314
Population Ecology
3 Credits Weekly (3-3-0)
This course examines the central principles of population ecology and current practical applications in this field. Topics include population structure, dynamics, and modelling, as well as foraging theory, interspecific interactions and applications to species harvesting, control, and conservation. The lab focuses on quantitative techniques used to model population parameters and solve ecological problems.
Prerequisites: Minimum grades of C- in BIOL 208 and in any one of MATH 114, MATH 120, or MATH 125.

BIOL 315
History of Biology
3 Credits Weekly (3-0-1)
This course traces the scientific foundations of biological discovery from the ancient Greeks to the present. The course presents the origins and evolution of modern concepts in biology and introduces students to the people that were largely responsible for these ideas. The course involves a major written component, critical evaluation of biological literature, an oral presentation, and peer work. Students are expected to actively participate in class discussions. Note: This course is intended for students in their 3rd year of study.
Prerequisites: Minimum grades of C- in two 200-level or higher Biological Sciences courses, of which one must be BIOL 207 or BIOL 208.

BIOL 316
Community Ecology
3 Credits Weekly (3-3-0)
Students explore the patterns and processes determining the structure, function and dynamics of ecological communities. Topics include ecological interaction networks, species coexistence, community succession and stability, metacommunities, causes and consequences of biodiversity variation, and applications related to resource management, restoration, conservation, and community-level responses to global environmental change. The laboratory focuses on quantitative techniques commonly used to describe and model community dynamics in space and time.
Prerequisites: Minimum grades of C- in BIOL 208 and in any one of MATH 114, MATH 120, or MATH 125.

BIOL 317
Biotechnology and Society
3 Credits Weekly (3-0-1)
Students examine topical biotechnology applications such as, but not limited to, gene edited and genetically engineered food, de-extinction, biobanking, and prenatal genetic testing. This course emphasizes a scientific understanding of these applications, while considering social, legal, and ethical perspectives that influence their use. Contemporary issues are examined within a historical context. A Canadian perspective will be emphasized within the global context.
Prerequisites: Minimum grades of C- in BIOL 207 and BIOL 208.

BIOL 321
Mechanisms of Evolution
3 Credits Weekly (3-0-0)
This course examines the major principles of biological evolution including micro- and macroevolutionary processes. Students gain a fundamental understanding of phylogeny and systematics, genetic variation at the individual and population level, natural selection, adaptation, coevolution, speciation, and extinction.
Prerequisites: Minimum grades of C- in BIOL 108 and BIOL 207.

BIOL 323
Introduction to Population Genetics
3 Credits Weekly (3-0-0)
Population genetics explores patterns of genetic variation within and between populations, and the evolutionary forces behind this variation. Examine the history of the field of population genetics and apply basic algebra to determine how populations evolve. Utilize population genetics concepts to explore topics such as conservation biology and ancient DNA. Then compare how the mechanisms of evolution, including natural selection, gene flow, and genetic drift apply to populations, and discuss ethical issues related to the interpretation of such data. Develop bioinformatic skills for the analyses of genetic data.
Prerequisites: Minimum grades of C- in BIOL 207 and BIOL 208.

BIOL 337
Biostatistics and Research Design
3 Credits Weekly (3-3-0)
Statistics is a cornerstone of biological research. This course introduces students to the methods used in experimental design, data collection, organization, analysis, and presentation of biological data. Evaluation of different sampling designs and the benefits and limitations of various data types for testing biological hypotheses are discussed. A variety of statistical tests are compared and contrasted. Laboratory activities include developing effective means of data collection and understanding how databases, spreadsheets, and statistical software are used in data analysis, including the presentation of results.
Prerequisites: Minimum grades of C- in STAT 151 and in any 200-level BICM *(*p. 673*),* BIOL *(*p. 674*),* BOTN *(*p. 678*), or* ZOOL *(*p. 862*).*

BIOL 361
Marine Biology
3 Credits Weekly (3-3-0)
Over 70% of our planet is covered by ocean. If you can imagine a life form, it likely exists in the oceans. We now recognize our oceans are no longer a vast inexhaustible resource and play a vital role in the health of the biosphere. This course explores the organisms and their adaptations to habitats from the deep sea to open ocean to intertidal habitats. Students will design research proposals to address knowledge gaps and debate human impacts on the oceans. This course includes an optional field trip to a coastal area.
Prerequisites: A minimum grade of C- in BIOL 208.

BIOL 365
Tropical Rainforest Ecology
3 Credits Total (20-70-0)
This course provides an introduction to the biodiversity and ecology of organisms found in the world's most biologically rich ecosystem, the tropical rainforest. The physical and biotic forces that contribute to this incredible diversity are investigated, and the most serious threats to the conservation of the tropical rainforest ecosystem are explored. The course includes a field trip to the Tiputini Biodiversity Station in the lowland rainforest of eastern Ecuador, a visit to a high-elevation cloud forest in the Andes, and travel to other biological and cultural sites in Ecuador.
Prerequisites: Minimum grade of C- in BIOL 208 and consent of the department.

BIOL 367
Conservation Biology
3 Credits Weekly (3-0-0)
This course introduces the principles of conservation biology with an emphasis on ecological processes operating at population, community, and ecosystem levels.Threats to biological diversity, ranging from species introductions to habitat destruction are explored ranging from the design of protected areas through conservation legislation. Challenges in applying conservation strategies, such as ethical, economic, political, legal, cultural, and societal concerns, are examined.
Prerequisites: A minimum grade of C- in BIOL 208.

BIOL 371
Animal Behaviour
3 Credits Weekly (3-3-0)
This course provides students with an evolutionary and ecological approach to the general question of "how and why animals behave as they do." The primary focus is on the structural and functional processes that shape a variety of behaviours. Students will differentiate between proximate and ultimate explanations of behaviour and create testable hypotheses for each.
Prerequisites: A minimum grade of C- in BIOL 208 or in PSYC 358 and with consent of the department.

BIOL 399
Honours Proposal
3 Credits Total (0-0-60)
In collaboration with a faculty mentor, the student develops a proposal for their Honours research project. In seminar, students evaluate primary literature through discussion of experimental design across a range of biological disciplines. Note: This course is restricted to students enrolled in the Biological Sciences Honours program. Consent of the department is required to enrol.

BIOL 410
Techniques in Field Ecology
3 Credits Weekly (0-6-0)
This course provides students with experience in designing an ecological research project and collecting biological information in a field setting. Students gain skills in a range of field techniques and research design methods commonly used to study various biota in terrestrial, freshwater, and/or wetland ecosystems. Students collect, analyze, and communicate field data using various methods, critically evaluate the field techniques, and design and carry out an independent research project culminating in a final scientific paper. Note: This course may be taken up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in any two of BOTN 305, BIOL 310, BIOL 312, BIOL 314, BIOL 316, BIOL 337, BIOL 365, or BIOL 371, and consent of the department.

BIOL 413
Current Topics in Animal Developmental Biology
3 Credits Weekly (3-0-0)
Students explore primary literature related to mechanisms that determine the growth and development of embryos. Emphasis is placed on regulation of processes that establish the animal body plan. Topics may include evolutionary developmental biology, tissue regeneration, and environmental and/or teratogenic influences on embryo development.
Prerequisites: A minimum grade of C- in BIOL 313.

BIOL 414
Invasion Ecology and Management
3 Credits Weekly (3-0-0)
Biological invasions are increasing in frequency worldwide and are a leading cause of global biological change, with significant impacts on ecosystem function, economic resources, and human health. In this course, students synthesize and communicate their ecological knowledge as they explore the causes, consequences, prevention, and management of biological invasions in aquatic and terrestrial ecosystems. Research approaches in invasion ecology through critical analyses of primary literature will be emphasized; discussion will emphasize local invasive species.
Prerequisites: Minimum grades of C- in any two of BIOL 310, BIOL 312, BIOL 314, BIOL 316, BIOL 323, BIOL 365, BIOL 367, BIOL 371, or BOTN 405.

BIOL 421
Techniques in Molecular and Cellular Biology
3 Credits Weekly (0-6-0)
This is a guided laboratory research project in which students engage in scientific inquiry. The theory and application of techniques in molecular and cellular biology are used to develop and test hypotheses in a collaborative research environment. An emphasis on scientific writing allows students to communicate their analyses of experimental results. Note: Course projects vary and are announced prior to registration. The course may be taken up to two times, provided the course project is different.
Prerequisites: Minimum grades of B- in BIOL 205 and in any two of BICM 310, BICM 320, BICM 330, BIOL 300, BIOL 313, GENE 369, or GENE 370, or consent of the department.

BIOL 422
Methods in Experimental Ecology
3 Credits Weekly (0-6-0)
Through guided field- and/or lab- based research projects, students will engage in independent scientific inquiry. Students deepen their understanding of ecological theory through the application of ecological research methods. Emphasis is placed on the collection, analysis, and presentation of quantitative data. Note: Course projects vary and are announced prior to registration. This course may be taken up to two times, provided the course projects are different.
Prerequisites: Minimum grades of B- in BIOL 208 and BIOL 337, and at least one of BIOL 310, BIOL 312, BIOL 314, BIOL 316, BIOL 365, BIOL 367, or BIOL 371.

BIOL 430
Pathobiology: The Cellular Basis of Disease
3 Credits Weekly (3-0-0)
This course investigates pathological changes to cells and tissues as they manifest in human disease. Selected disease therapies are explored. Students review, analyze, critique, and discuss topics from the primary literature related to the cellular mechanisms that drive disease pathogenesis. Oral presentation, peer review, and group work skills are emphasized. The specific cellular processes examined change based on student interest and recent topics of importance within the field. Note: BICM 320 recommended.
Prerequisites: A minimum grade of C- in BIOL 300.

BIOL 467
Advanced Conservation Biology
3 Credits Weekly (3-0-0)
Effective conservation requires a strong knowledge of general ecology and the biology of target species for biodiversity management. However, conservation is also influenced by ethical values, cultural traditions, political and legal constraints, historical context, and other aspects of how humans relate to and connect with the natural world. This course will explore these different aspects of conservation biology and how they influence decision making. This course will primarily focus on conservation in Canada.
Prerequisites: A minimum grade of C- in BIOL 367.

BIOL 477
Contemporary Issues in Freshwater Ecology
3 Credits Weekly (0-0-3)
This seminar course engages students on contemporary issues surrounding freshwater ecology as related to research, policy and practice, environmental issues, and the effects of these on society. Students will explore critical ecological concepts through reviews of the relevant scientific literature, examination of case studies, in-depth discussions with peers and experts, development of presentations on specific topics, and writing associated review/synthesis papers. Guest speakers and media will round out the curriculum.
Prerequisites: Minimum grades of C- in BIOL 337 and two of BIOL 310, BIOL 312, BIOL 314, or BIOL 316.

BIOL 492
Field Placement
3 Credits Total (0-0-45)
This course provides students with experience in a professional setting where they develop skills and engage in professional conduct. Students will reflect on the roles and responsibilities of biologists in society, as well as on ethical challenges relevant to the placement. Students will communicate regularly with their faculty mentor. Enrolment is dependent on availability of appropriate field placements and a faculty member willing to act as a mentor.
Prerequisites: A minimum grade of C- in at least one 300-level Biological Sciences course; specific prerequisites may be required according to the field placement and with consent of the department.

BIOL 495
Special Topics
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in Biological Sciences. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Biological Sciences for details regarding current offerings. Note: This course is intended for students in the final year of their degree. This course may be taken up to two times.
Prerequisites: Minimum grade of B- in 300-level BIOL *(p. 674) relevant to the special topic.*

BIOL 498
Advanced Independent Study
3 Credits Total (0-0-72)
In this course, students plan, conduct, and communicate the results of an independent research project in Biological Sciences under the direction of a faculty supervisor. Registration is contingent on the student having made prior arrangements with a faculty member willing to supervise the research. Note: This course is intended for students in the final year of their degree. This course may be taken up to two times for credit.
Prerequisites: A minimum grade of B- in at least one 300-level Biological Sciences course; faculty mentors may require specific prerequisites according to the project needs.

BIOL 499A
Honours Thesis I
3 Credits Total (0-0-72)
In this course, students develop research skills by conducting an independent research project in collaboration with a faculty mentor. This work will culminate in an Honours Thesis and public presentation. Students complete BIOL 499A and 499B in consecutive terms.
Prerequisites: A minimum grade of B- in BIOL 399.

BIOL 499B
Honours Thesis II
3 Credits Total (0-0-72)
In this course students develop research skills by conducting an independent research project in collaboration with a faculty mentor. This work will culminate in an Honours Thesis and public presentation. Students complete BIOL 499A and 499B in consecutive terms.
Prerequisites: A minimum grade of B- in BIOL 399.

BOTN – Botany

BOTN 205
Fundamentals of Plant Biology
3 Credits Weekly (3-3-0)
This course gives a broad introduction to the fascinating field of plant biology. It covers the basics of plant taxonomy as applied to areas such as pharmaceutical sciences and ecological monitoring and management. Further, the course provides an overview of how adaptations to the terrestrial environment shaped the evolution of plants. The link between anatomy, morphology and function of specific organs will be examined in seed plants. We will discuss how the history of botany has shaped our knowledge of plants, and how current research is changing our understanding of plants as complex and responsive organisms. In the laboratory component, the student will gain skills in plant ID, standard herbarium techniques and descriptive analysis of plant morphology as well as in applying the scientific method to answer simple questions in plant biology.
Prerequisites: Minimum grades of C- in BIOL 108 and BIOL 107.

BOTN 405
Plant Behaviour and its Applications
3 Credits Weekly (3-3-0)
Over the past decade, it has become clear that plants are able to sense and respond to environmental cues, interact with other organisms, and make decisions about how to optimize growth, all of which can be described as behavioural responses. This course provides insight into the physiological mechanisms that allow for plant sensory responses and interactions with other organisms. We will explore how this understanding of plant behaviour can be applied in a variety of contexts such as pharmaceutical sciences, bio-remediation, reclamation, and pest- and pathogen-management in agriculture and forestry. The laboratory employs experimental techniques used in studying plant growth responses to answer specific research questions.
Prerequisites: Minimum grades of C- in BOTN 205, and in one of BIOL 312, BIOL 314, BIOL 316, BIOL 321 or BIOL 337.

BUSN – Business

BUSN 201
Introduction to Sustainable Business
3 Credits Weekly (3-0-0)
This is an interdisciplinary cornerstone course, based on the premise that responsible leadership and effective management requires an understanding of business and its substantive disciplines, how a sustainable business is run and how emerging issues in business can be addressed from a sustainability perspective.

BUSN 210
Special Topics in Business
3 Credits Weekly (0-0-3)
Students explore a designated topic in Business Studies, allowing them an opportunity to reflect and present findings on an activity or project in which they have undertaken within the School of Business. A contract between the student(s) and the instructor outlines the objectives, process and criteria for evaluation. Chair approval is required for registration. This course is only open to students in the School of Business who have completed at least 30 credits.

BUSN 240
Introduction to Business Research
3 Credits Weekly (3-0-0)
This course introduces students to key concepts and practices used in business research. Qualitative and quantitative approaches are introduced and discussed in relation to the development of knowledge for business practice. Emphasis is placed on the research process, including the use of critical thinking practices to read, evaluate and appraise research to inform business practice. The ethical conduct of research is emphasized. Credit can only be obtained in one of MGMT (p. 775)240 or BUSN (p. 678)240.
Prerequisites: MGMT 121 or ORGA 201.

BUSN 312
Introduction to Non-Profit Management
3 Credits Weekly (3-0-0)
Students study contemporary management and leadership in non-profit/voluntary sector organizations. Students discuss the local and global impact of non-profit/voluntary sector organizations on the quality of life and economy of communities. Internal and external influences on management and leadership are considered. Topics include the unique purpose of non-profit organizations, legal and ethical considerations, board governance, volunteer involvement, and fund development.
Prerequisites: BUSN 201.

BUSN 330
Project Management
3 Credits Weekly (3-0-0)
Students learn the theory and practice of project management through the phases of initiating, planning, executing, monitoring and controlling, and closing. Students examine how the project management knowledge areas (scope, time, cost, quality, human resources, communications, risk, procurement, and integration) have an impact on projects. Students consider the complexities of international projects and analyze the Project Management Institute's (PMI) Member Code of Ethics and Standards of Conduct. They apply their project management skills in a group project.
Prerequisites: BUSN 201 or ORGA 201.

BUSN 350
Critical Thinking in Management
3 Credits Weekly (0-0-3)
This is an advanced, inter-disciplinary and practical course. Participants will be exposed to a variety of methods and proven techniques to help nurture their critical thinking abilities, analytical capabilities, and presentation skills. Through the reading, writing and presentation of relevant management materials, students internalize critical thinking principles and acquire generic competences that are transferable to a variety of settings including general management and business consulting.
Prerequisites: ACCT 322, FNCE 301, PROW 210, MARK 301 and ORGA 316; or consent of the department.

BUSN 396
Advanced Quantitative Research Methods for Business
3 Credits Weekly (3-0-0)
This course helps students make effective and efficient advanced use of business information. Students study the theory and application of quantitative research design and methods in business. In particular, this course emphasizes on how to perform multivariate statistical techniques for improved company decision making. Students are presented with data sets and learn to analyze and present their results using multiple regression, ANOVA, Factor and Cluster Analysis, Logistic Regression and Conjoint Analysis, among others. Students also discuss sampling issues, ethical issues and questionnaire construction. Restricted to Bachelor of Commerce students and required for Bachelor of Commerce Honours students.
Prerequisites: MGTS 312.

BUSN 397
Advanced Qualitative Research Methods for Management
3 Credits Weekly (3-0-0)
Students learn science epistemology and its coherent application to qualitative research methods in Management. In terms of research practice, students are trained to conduct interviews, focus groups, and participant observations. Students analyze and interpret the data collected through the research methods of content analysis, business case study research, grounded theory, and ethnography, among others. Students learn sampling, reliability, consistence, and generalization applied to qualitative methods. Students learn about research ethics and the research process: how to apply to MacEwan's Research Ethics Board, complete a Tri-Council Policy Statement (TCPS 2) Tutorial, and develop consent forms.
Prerequisites: Third or Higher Year Standing.

BUSN 410
Social Responsibility and Sustainability Management
3 Credits Weekly 3-0-0
This course involves reading, discussing, and critically evaluating current research and contemporary societal issues in social responsibility and sustainability management. The course focuses on key principles of sustainability, with students using their unique perspectives to explore sustainability as a spectrum extending from weak sustainability to strong sustainability and deep ecology framework. Additional topics may include: a critical evaluation of business organizations vis-à-vis the environment and the society, theoretical frameworks regarding sustainability, ethics of the environment, business ethics, deep ecology, corporate social responsibility, and market and non-market instruments to promote sustainability. Conceptual frameworks are used to review and critique contemporary issues of local and global importance. Students examine the authenticity of sustainability claims and identify inherent trade-offs when facing dilemmas in decision making.
Prerequisites: Third Year Standing.

BUSN 450
Strategic Management
3 Credits Weekly (3-0-0)
This is a capstone, inter-disciplinary course that is intended for students in their final year of the Bachelor of Commerce program. It reinforces, complements and integrates concepts learned in functional courses earlier on in the program. Participants learn how to craft, execute and evaluate business strategies by applying scientific methods and industry best practices to a variety of situations in diverse settings. Students also engage, both individually and within groups, in experiential learning activities that increase their awareness of the multidimensional and integrative nature of strategic management.
Prerequisites: ACCT 322, FNCE 301, MARK 301, ORGA 316 and MGTS 352; or consent of the department.

BUSN 496
Senior Honours Seminar
3 Credits Weekly (3-0-0)
Students work with the course instructor and other students to develop and present a proposal for their Honours Thesis. Restricted to Bachelor of Commerce Honours students.
Prerequisites: BUSN 396, BUSN 397 and acceptance into the BCom Honours Program, OR consent of the department.

CHEM – Chemistry

CHEM 020
Chemistry 20
5 Credits Weekly (6-0-0)
The material covered in Chemistry 20 is equivalent to Alberta Education's Chemistry 20. Topics include: matter as solutions (acids, bases, and gases), quantitative relationships in chemical changes, chemical bonding in matter, and the diversity of matter.
Prerequisites: SCIE 010 or equivalent.
Co-requisites: MATH 010C or equivalent.

CHEM 030
Chemistry 30
5 Credits Weekly (6-0-0)
The material covered in Chemistry 30 is equivalent to Alberta Education's Chemistry 30. Topics include thermochemical changes, electrochemical changes, organic chemistry and chemical equilibrium.
Prerequisites: CHEM 020 or equivalent.
Co-requisites: MATH 020-1 or MATH 020-2 or equivalent.

CHEM 101
Introductory University Chemistry I
3 Credits Weekly (4-3-0)
This course serves as a foundation for all subsequent chemistry courses. Atomic properties as they relate to the periodic table are considered, along with quantum mechanics for hydrogen-like orbitals and electron configurations. The course provides an introduction to bonding theories as they apply to the stability, molecular geometry and intermolecular interactions of atomic, ionic and molecular species. Topics include chemical nomenclature, stoichiometry, classification of chemical reactivity, gases (both ideal and real) and thermochemistry. Note: Credit may be obtained in only one of CHEM 101 or CHME 103.
Prerequisites: Chemistry 30.

CHEM 102
Introductory University Chemistry II
3 Credits Weekly (4-3-0)
This course emphasizes the importance of chemical equilibrium as it applies to gases, acids and bases, solubility and precipitation reactions and complex ion formation. Also studied are kinetics (rates of reactions, differential and integrated rate laws, the Arrhenius equation), catalysts, thermodynamics (spontaneity, entropy, free energy), and electrochemistry (balancing redox reactions, calculating standard and non-standard cell potentials), with emphasis on some practical applications related to batteries, corrosion and industrial processes. A special topic, selected by the instructor, is covered if time permits. Note: Credit may only be obtained in one of CHEM 102 or CHME 105.
Prerequisites: Minimum grade of C- in CHEM 101.

CHEM 211
Applied Analytical Chemistry
3 Credits Weekly (3-4-0)
This course surveys the principles, methods, and experimental applications of classical analytical chemistry, emphasizing solution phase equilibria, titrimetry, volumetric laboratory skills, and the evaluation of experimental data. This course includes real life examples of organic and inorganic analysis and analytical chemistry literature. Students are introduced to principles, methods, and experimental applications of separation techniques, atomic and molecular spectrometry, potentiometry, and the evaluation of experimental data.
Prerequisites: Minimum grade of C- in CHEM 102 or CHME 105.

CHEM 232
Inorganic Chemistry
3 Credits Weekly (3-3-0)
This course examines the bonding models used for inorganic compounds (main group and transition metal elements). Reactivity patterns of inorganic compounds are considered to gain an understanding of the role of thermodynamics and kinetics in their preparation and reactivity. Physical methods that are used to characterize inorganic compounds are discussed. The relevance and importance of inorganic compounds in the environment, industry and biology are emphasized.
Prerequisites: Minimum grade of C- in CHEM 102.

CHEM 242
Fundamentals of Physical Chemistry
3 Credits Weekly (3-3-0)
This course is about the use of methods to design experiments, analyze measured data, and devise quantitative models in chemistry. These models are applied to explain observations, to optimize experimental conditions, and to predict and control the direction, extent and rate of physicochemical processes. Internal energy, enthalpy, entropy and free energy functions are applied to perform the materials and energy balances of reactions, phase transitions, transport of matter, and coupled processes thereof. Focus is placed on nonequilibrium and steady-state processes. The laws of energy conservation, entropy production, and equilibrium are applied to phenomena occurring inside systems consisting of several components and phases. Fundamentals cover the methods to determine the kinetic parameters and mechanism of chemical reactions.
Prerequisites: A minimum grade of C- in CHEM 102 and MATH 114.

CHEM 261
Organic Chemistry I
3 Credits Weekly (3-3-0)
This course covers the molecular structure and reactivity of organic compounds based on their functional groups. The course provides an introduction to nomenclature, three dimensional structure and physical properties of organic compounds as well as reaction mechanisms and infrared spectroscopy. Although most organic functional groups are discussed, the focus is on the chemistry of alkanes, alkenes, alkynes and alkyl halides. Mechanisms of nucleophilic substitution and elimination reactions of alkyl halides are discussed.
Prerequisites: Minimum grade of C- in either CHEM 102 or CHME 105.

CHEM 263
Organic Chemistry II
3 Credits Weekly (3-3-0)
The nomenclature, structure, physical properties, synthesis and selected reactions of the basic functional groups in organic chemistry are discussed. Functional groups covered include alkenes, alkynes, aromatic compounds, alcohols, phenols, ethers, aldehydes, ketones, amines, carboxylic acids and carboxylic acid derivatives. An emphasis will be placed on understanding the fundamental mechanistic processes behind these chemical transformations. The application of spectroscopic methods for structure determination in simple organic molecules is discussed.
Prerequisites: Minimum grade of C- in CHEM 261.

CHEM 311
Advanced Chemical Analysis
3 Credits Weekly (3-4-0)
This course discusses instrumentation and analytical applications of spectroscopic, chromatographic, and electroanalytical methods. The theory governing each analytical technique and its advantages and disadvantages are discussed. Emphasis is placed on choosing the appropriate method for a particular analysis.
Prerequisites: A minimum grade of C- in one of CHEM 211, CHEM 270, or CHEM 372.

CHEM 320
Introduction to Geochemistry
3 Credits Weekly (3-3-0)
This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and covers topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans. Note: Credit can only be obtained in one of CHEM 320 or EASC 320.
Prerequisites: Minimum grades of C- in a 200-level CHEM *(*p. 680*) course and a 200-level* EASC *(*p. 709*) course.*

CHEM 322
Introduction to Biogeochemistry
3 Credits Weekly (3-3-0)
Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth's system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science. Note: Credit cannot be obtained in both CHEM 322 and EASC 322.
Prerequisites: Minimum grades of C- in a 200-level CHEM *(*p. 680*) course and a 200-level* EASC *(*p. 709*) course.*

CHEM 333
Organometallic Chemistry
3 Credits Weekly (3-3-0)
This course surveys the basic principles of the organometallic chemistry as they apply to metals of the d-block elements and main group metals. Topics include a survey of ligands and coordination chemistry/geometry of transition metals and main group metals. The properties and reactions of organometallic complexes, and applications of organotransition metal compounds in catalysis, organic synthesis, bioinorganic chemistry and medicinal chemistry are reviewed.
Prerequisites: Minimum grades of C- in CHEM 232 and CHEM 263.

CHEM 342
Materials Chemistry
3 Credits Weekly (3-3-0)
This course is about the relationships among processing, structure, properties, performance, applications and sustainability of materials. It covers the materials classed as metal alloys, crystals, glasses, ceramics, plastics and composites. It examines the structural assembling of materials at the macroscopic, microscopic, nanoscopic and atomistic scales of size. The interatomic and intermolecular bonding at play in the assembling of such structures is analyzed. How mechanical, optical, electrical, surface, bonding and catalytic properties arise from the structural assemblage is discussed. Emphasis is placed on the methods of processing chemical substances to manufacture materials with desired structure and properties, as well as on integration of materials in technological devices.
Prerequisites: A minimum grade of C- in CHEM 242, or in CHEM 102 and PHYS 208, or in CHEM 102, MATH 114, and PHYS 224.

CHEM 353
Forensic Chemistry
3 Credits Weekly (3-3-0)
This course examines the theory and practice of forensic chemistry. The course focuses on chemical analytical techniques used for the detection, identification, and comparison of forensic evidence such as illicit drugs, poisons, gunshot residues, fire accelerants, and explosives. The theory of a variety of analytical techniques along with their scope and limitations is embedded in this discussion. The practical application of these techniques is considered with reference to appropriate examples and forensic case studies. This is further reinforced in the laboratory, where students will gain hands-on experience in the use of a range of analytical techniques for the investigation of simulated crime scenarios. The structure and function of forensic chemistry laboratory services and the key issues of cross-contamination and laboratory quality control and quality assurance will be examined.
Prerequisites: A minimum grade of C- in CHEM 261 and either CHEM 211 or CHEM 252.

CHEM 362
Advanced Organic Chemistry
3 Credits Weekly (3-3-0)
This course is designed to build upon the concepts introduced in Chemistry 261 and Chemistry 263, offering a more advanced and sophisticated insight into the physical properties and chemical reactions of organic compounds. A focal point will be the chemistry of carbonyl compounds. Mechanistic understanding of reaction pathways and multistep synthesis of more complex compounds will be emphasized.
Prerequisites: Minimum grade of C- in CHEM 263.

CHEM 364
Introduction to Medicinal Chemistry
3 Credits Weekly (3-0-0)
Students will be introduced to pharmaceutical drug discovery and the pivotal role played by chemistry. The principles and processes involved in modern drug design and development are presented and, throughout, are emphasized by reference to compounds in current clinical usage. Particular emphasis is placed on cancer therapeutics and antiviral agents. Recent advances in the use of computational and combinatorial chemistry in drug design are discussed.
Prerequisites: Minimum grade of C- in CHEM 263.

CHEM 372
Environmental Chemistry
3 Credits Weekly (3-3-0)
The chemistry of natural environmental process and the impact of anthropogenic activity on those processes will be examined. Topics include atmospheric chemistry, including photochemical reactions, ozone depletion and urban air pollution; aquatic chemistry, including complex equilibria, buffering, and oxidation and reduction; and an introduction to sources and fate of organic and inorganic pollutants. In the laboratory, students will gain hands on experience in common methods of environmental testing and remediation. Note: Credit cannot be received for both CHEM 270 and CHEM 372.
Prerequisites: A minimum grade of C- in CHEM 102 and CHEM 261.

CHEM 380
Process and Flow Chemistry
3 Credits Weekly (3-3-0)
This course provides an introduction and training in the different types of chemical and physical methods, and equipment that may be employed in process and flow chemistry. The use and installation of process analytical technology/chemistry is also explored. On-line and in-line monitoring of chemical processes is strongly emphasized, both in the lecture and the laboratory environment.
Prerequisites: A minimum grade of C– in CHEM 211 or CHEM 263.

CHEM 391
Applied Spectroscopy
3 Credits Weekly (3-2-0)
This course focuses on the practical aspects of preparing samples for analysis, collecting and analyzing data, and characterizing organic, inorganic and/or biological compounds. Methods are explored from a theoretical and practical perspective and include infrared spectroscopy, mass spectrometry, and nuclear magnetic resonance. Note: Credit cannot be obtained for both CHEM 291 and CHEM 391.
Prerequisites: A minimum grade of C- in CHEM 263.

CHEM 398
Independent Study
3 Credits Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Any 200-level chemistry course and permission of the department, Faculty mentors may require additional prerequisites according to the project needs.

CHEM 410
Industrial Chemistry
3 Credits Weekly (3-0-0)
An introduction to the principles and practice of industrial chemistry with a special emphasis on modern and emerging chemical technology processes. Selected industrial processes will be discussed, such as the production of primary petrochemicals and their associated secondary products, including polymers, pharmaceuticals, dyes, perfumes, and pesticides. Students will be introduced to the production of such products based on emerging principles of sustainable industrial chemistry. The focus will be on chemical plant design processes, chemo/biocatalysis, biowaste valorization, and pollution control. Principles of green and environmental chemistry and how they impact the United Nations Sustainable Development Goals (UN SDGs) will be emphasized. Students will also learn professional ethics as they relate to chemistry practice. This course includes presentations by guest industrial chemists and tours of chemical plants and industrial laboratories.
Prerequisites: A minimum grade of C- in any 300-level CHEM *(*p. 680*) course.*

CHEM 441
Molecular Modelling
3 Credits Weekly (3-3-0)
This introduction to molecular modelling deals with the application of quantum mechanical methods to compute structural models, molecular and bulk properties of matter, and the mechanisms by which molecules interact and react. Students use up-to-date software to build, render and visualize molecular structures generated with wave function and density functional methods; to compute molecular properties and spectra of substances; to design reaction mechanisms of uncatalyzed and catalyzed reactions, and to compute their associated rate constants. Students devise structural and computational models for acid-base, redox, enzyme and surface reactions relevant to life, environment and technology.
Prerequisites: A minimum grade of C- in CHEM 342.

CHEM 442
Soft Matter Chemistry
3 Credits Weekly (3-3-0)
This course is about the spontaneous formation, preparation, properties, stability, and applications of soft matter. It focuses on the complex and easily deformable structures that emerge in between atomic and macroscopic length scales in solutions of polymers and surfactants, colloids, liquid crystals, granular and soft biological matter. It examines the physical mechanisms of structural assembling and self-organization of molecules to form thin films, micelles, lipid bilayers, vesicles and liposomes under the action of intermolecular and surface forces. Topics include surfaces, charged interfaces, effects of surface tension and curvature on capillarity and wetting, optical, electrokinetic, flow and rheological properties. Emphasis is placed on the applications of soft matter phenomena in petroleum, pharmaceutical, cosmetics and food technologies and products.
Prerequisites: A minimum grade of C- in CHEM 342.

CHEM 464
Advanced Synthetic Medicinal Chemistry
3 Credits Weekly (3-1.5-0)
This advanced medicinal chemistry course examines the application of organic chemistry in the design and synthesis of small-molecule drugs. Students will utilize the principles of the drug discovery process to identify targets for pharmaceutical development and gain an in-depth understanding on how to chemically modify a drug through each stage of the development process. Emphasis will be placed on examining the structure-activity relationship between molecules and their targets, drug delivery, drug modes of action, and the fate of drugs once inside the body.
Prerequisites: A minimum grade of B- in either CHEM 364 or CHEM 362.

CHEM 466
Modern Catalysis
3 Credits Weekly (3-0-0)
This course provides a comprehensive review of current research and practice in the field of modern catalysis. The topics covered include, catalytic design, catalysis and energy, chemical transformations, biocatalysts, and environmental catalysts. The mechanisms by which enzymes operate in living matter and the use of both organic and inorganic catalysts by the chemical industry for the production of bulk chemicals, fine chemicals and fuels will be covered.
Prerequisites: A minimum grade of C- in CHEM 333.

CHEM 472
Advanced Environmental Chemistry
3 Credits Weekly (3-2-0)
This course presents an advanced study of anthropogenic pollutants in the environment. Fate and transport processes of legacy and emerging anthropogenic pollutants, including important physio-chemical processes, such as partitioning, hydrolysis, photolysis and biotransformation, are discussed on both a local and global scale. Understanding of these processes is applied in the context of environmental modeling. In the laboratory, students gain hands on experience with the techniques used to determine the environmental fates of pollutants via investigations of their physio-chemical properties. Credit cannot be received for both CHEM 370 and CHEM 472.
Prerequisites: A minimum grade of C– in CHEM 261 and in either CHEM 270 or CHEM 372.

CHEM 474
Environmental Analytical Chemistry
3 Credits Weekly (3-3-0)
Students will learn the theory and develop practical skills in the quantitative and qualitative analysis of chemicals in the environment. Proper procedures for environmental sampling design will be discussed, followed by a detailed treatment of environmental sampling, extraction, and cleanup techniques. The theory and application of modern analytical techniques will be discussed in the context of environmental monitoring. In the laboratory, students will design and carry out field-based measurements and apply lecture material in a practical setting.
Prerequisites: A minimum grade of B- in CHEM 311, and in one of CHEM 270 or CHEM 372.

CHEM 484
Sustainable and Green Chemistry
3 Credits Weekly (3-0-0)
This course introduces Green Chemistry and examines industrial sources of contaminants and the modification of industrial processes to minimize environmental impact. In addition, the course reviews industrial waste management, control, and treatment. Students will gain an understanding of modern green chemistry which considers both the application and use of the 12 principles of green chemistry and life cycle analysis. In this regard, both the advantages and limitations of the various green chemistry approaches will be examined.
Prerequisites: A minimum grade of C- in any 300-level CHEM *(*p. 680*) course and permission of the department.*

CHEM 495
Special Topics
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics in chemistry. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Department of Physical Sciences for details regarding current offerings. Note: This course is intended for students in the final year of their degree. This course may be taken up to two times for credit.
Prerequisites: A minimum grade of B- in a 300-level CHEM *(*p. 680*) course and permission of the department.*

CHEM 496
Techniques in Applied Laboratory Chemistry
3 Credits Weekly (0-6-0)
This is a laboratory-based course focusing on techniques utilized in a research or industrial laboratory setting. Students will gain an understanding of the theory and application of modern experimental methods and build practical skills through project-based applications. The specific topics covered will vary with the interests of the faculty member teaching the course, and students should consult with the Department of Physical Sciences for details regarding current offerings. Note: This course may be taken up to two times, provided the topic of the course is different.
Prerequisites: A minimum grade of B- in a 300-level chemistry course and consent of the department.

CHEM 497
Chemistry Internship Practicum
3 Credits Total (45-0-90)
This course provides students with practical experience in a chemistry related work environment. Students engage in work integrated learning through employment or internship at a chemistry-related industry. Students learn in practice the professional aspects (work and ethics) of a chemist. At the end of the placement, students provide a presentation to demonstrate the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement. This course may be taken two times for credit. All placements require departmental approval.
Prerequisites: A minimum grade of C- in 6 credits of any 300 level CHEM *(*p. 680*) courses and consent of the Department.*

CHEM 498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of B- in a 300-level CHEM *(*p. 680*) course, a minimum grade of C- in SCIE 201, and permission of the department; faculty mentors may require additional prerequisites according to the project needs.*

CHIN – Chinese

CHIN 101
Introductory Chinese I
3 Credits Weekly (5-0-0)
This introductory course is for students with little or no background in Mandarin Chinese. It introduces the four tones and the sounds of Mandarin, an introductory series of sentence patterns and grammatical concepts, as well as a basic comparison between Mandarin and English. The four language skills of oral/aural comprehension, speaking, reading and writing are emphasized. In addition, students learn approximately 175 characters, and become acquainted with some general aspects of Chinese culture in Chinese speaking countries. Note: Students with native or near-native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes those students with credit in Chinese 30, 35 or equivalent.

CHIN 102
Introductory Chinese II
3 Credits Weekly (5-0-0)
This course is a continuation of CHIN 101. Students continue to acquire the four language skills of oral/aural comprehension, speaking, reading and writing in Mandarin Chinese and broaden their cultural knowledge of the Chinese-speaking world. An additional 200 characters will be learned, and a more challenging set of introductory grammatical structure built upon the structures and forms acquired in CHIN 101 will be introduced. Note: Students with native or near-native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes those students with credit in Chinese 30, 35 or equivalent.
Prerequisites: Minimum grade of C- in CHIN 101.

CHIN 201
Introductory Chinese III
3 Credits Weekly (5-0-0)
This course is designed for students who have completed CHIN 102 or equivalent. Students further develop their oral/aural comprehension skills at the intermediate level of Mandarin Chinese. As well, they continue to develop reading and writing skills with approximately 200 characters. In addition, students continue to improve their understanding of various aspects of Chinese culture. Note: Students with native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with Chinese 30 should consult the department.
Prerequisites: Minimum grade of C- in CHIN 102.

CHIN 202
Introductory Chinese IV
3 Credits Weekly (5-0-0)
This course is a continuation of CHIN 201. Students gain further fluency in oral/aural comprehension at the intermediate level of Mandarin Chinese, as well as continue to develop reading and writing skills of approximately 350 characters. In addition, students continue to improve their understanding of various aspects of Chinese culture. Note: Students with native proficiency in Mandarin Chinese or any of the regional dialects of Chinese cannot take this course. Heritage speaker must consult the department prior to registration.
Prerequisites: Minimum grade of C- in CHIN 201.

CHME – Chemistry (Engineering)

CHME 103
Introductory University Chemistry I for Engineers
4.3 Credits Total (60-18-0)
This course serves as a foundation for all subsequent chemistry courses. Atomic properties as they relate to the periodic table are considered, along with quantum mechanics for hydrogen-like orbitals and electron configurations. The course provides an introduction to bonding theories as they apply to the stability, molecular geometry and intermolecular interactions of atomic, ionic and molecular species. Topics include chemical nomenclature, stoichiometry, classification of chemical reactivity, gases (both ideal and real) and thermochemistry. Note: Credit may be obtained in only one of CHEM 101 or CHME 103.
Prerequisites: Chemistry 30.

CHME 105
Introductory University Chemistry II for Engineers
3.8 Credits Total (60-18-0)
This course emphasizes the importance of chemical equilibrium as it applies to gases, acids and bases, solubility and precipitation reactions and complex ion formation. Also studied are kinetics (rates of reactions, differential and integrated rate laws, the Arrhenius equation), catalysts, thermodynamics (spontaneity, entropy, free energy), and electrochemistry (balancing redox reactions, calculating standard and non-standard cell potentials), with emphasis on some practical applications related to batteries, corrosion and industrial processes. A special topic, selected by the instructor, is covered if time permits. Note: Credit may only be obtained in one of CHEM 102 or CHME 105.
Prerequisites: Minimum grade of C- in CHME 103.

CLAS – Classics

CLAS 101
Approaches to the Ancient Mediterranean World
3 Credits Weekly (3-0-0)
This course introduces students to the study of classical history with a particular emphasis on the principles of research and writing in Classics. Students learn and practice the processes of interpreting texts, monuments, and artifacts from the ancient Mediterranean and Near Eastern worlds through an in-depth focus on two topics or time periods chosen by the instructor; the topics may draw on aspects of ancient history, classical literature, or classical archaeology. Students are introduced to the process of writing a research paper in Classics.

CLAS 102
Greek and Roman Mythology
3 Credits Weekly (3-0-0)
In this survey course, students learn the most significant myths and sagas of Greece and Rome. Selected readings from ancient literature and illustrations from Classical art emphasize the cultural, historical, and religious contexts of the myths within ancient society. The continuing influences of the myths as a source of inspiration for some of the major themes in Western art and culture are discussed. The course also examines ancient and modern theories and interpretations of the myths.

CLAS 200
Classics and Film: Classical Reception in the Cinema
3 Credits Weekly (3-0-0)
This lecture course uses Classics-themed films to explore the literature and history of the Classical Period. By analyzing cinematographic interpretations of the ancient world, students examine on a critical level canonical myths, literature, and historical events/figures in their original contexts as well as modern assessments and interpretations of their themes and significance. The course analyzes three to five films.

CLAS 208
History of Ancient Greece
3 Credits Weekly (3-0-0)
This course surveys the history of Greece from the Bronze Age down to the death of Alexander the Great. Through reading and discussion of ancient sources, students study the major political, social, and economic factors which shaped the ancient Greek world. Students will also examine the ways that ancient Greek historians and authors thought about and wrote history.

CLAS 209
History of Ancient Rome
3 Credits Weekly (3-0-0)
In this course, students study the major events, figures, and trends in Roman history. This course studies Roman history from its foundation in the eighth century BC though to the reign of Diocletian in the fourth century AD. Through examination and discussion of the ancient evidence, as well as modern scholarship, students study the major political, social, and economic factors which shaped the Roman world. Students will also examine the ways that ancient historians and authors thought about and wrote Roman history.

CLAS 210
Survey of Greek and Roman History
3 Credits Weekly (3-0-0)
This course surveys ancient Greek and Roman history from the Greek archaic period through the reign of the Roman emperor Constantine the Great. Students study major events, figures, and trends in Greece and Rome, drawing upon the works of major ancient historians, such as Herodotus, Plutarch, Suetonius, Tacitus, or Thucydides.

CLAS 221
Literature of Greece and Rome
3 Credits Weekly (3-0-0)
This intermediate survey course introduces students to the detailed study of major works from Greek and Latin literature in English translation. Students read and interpret epic poems, prose, lyric poetry and dramatic plays in their cultural, historical and literary contexts. Students are introduced to the general moral, aesthetic and social values of the Greeks and Romans through their literature.

CLAS 225
Greek and Roman Drama
3 Credits Weekly (3-0-0)
In this course, students are introduced to the genres of tragedy and comedy as literary genres and as pieces of social and political commentary. By reading both Greek and Roman examples of tragedy and comedy, students explore the development of tragedy and comedy as genres from fifth-century Athens to imperial Rome while they also analyze the plays' plots, characters, themes, and the mechanics behind ancient dramatic productions. The course will also address the socio-political function of drama in its historical contexts.

CLAS 233
Greek and Roman Religion
3 Credits Weekly (3-0-0)
This course surveys and examines the religious beliefs and ritual practices of the ancient Greeks and Romans in both public and private contexts. Through the relevant documentary, epigraphic, and literary evidence, alongside the relevant material culture, students consider a wide range of topics and themes ranging from the worship of Olympian and Chthonic deities, oracles, the ancient Greek and Roman pantheons, orgiastic and mystery religions, festivals and sacrifices, ruler and Imperial cults, through to the rise of monotheistic religions, and the issues of toleration and subjugation.
Prerequisite: A minimum grade of C- in any CLAS *(*p. 685*) course or permission of department.*

CLAS 252
Ancient Art and Architecture
3 Credits Weekly (3-0-0)
This course surveys the most important artwork and architectural monuments created in Greece and Rome. Through the evidence of archaeological finds, students study the earliest examples of art in sculpture, pottery and painting as well as the beginnings of urban and monumental architecture in Greece. Students examine the development of these and innovations upon these in the Roman and Byzantine periods. They also consider the legacy of ancient art and architecture on western civilization.

CLAS 261
Women in the Ancient World
3 Credits Weekly (3-0-0)
This course surveys the history of women in the Graeco-Roman world, ranging historically from the second millennium BC to the fourth century AD. Students examine the portrayals of women in literary and historical documents to assess women's roles in family life, marriage customs, religious cults, and legal problems. Students analyze the abundant representations of women by men and the few surviving representations of women by other women in literary, epigraphic and artistic evidence.

CLAS 270
Greek Civilization
3 Credits Weekly (3-0-0)
This course is an introduction to Greek cultural history illustrated by reference to contemporaneous literature and artefacts, as well as archaeological discoveries. Students study the origins of Greek culture in the Bronze Age and its development through the Archaic and Classical Periods, especially in fifth-century Athens. Students also consider the effects of Alexander the Great's campaigns on Greek culture during the Hellenistic Period.

CLAS 271
Roman Civilization
3 Credits Weekly (3-0-0)
This course is an introduction to Roman civilization. Students consider the culture, literature, and history of Ancient Rome, from the mythological foundation of city down to the imperial period. The lectures, readings, and assignments draw on contemporary literary, artistic, or archaeological evidence in order to illustrate and explain various Roman cultural values, practices, and norms.

CLAS 272
Byzantine Civilization
3 Credits Weekly (3-0-0)
This course is an introduction to the culture, literature, art and history of the Byzantine (or Eastern Roman) Empire, during the period from the foundation of Constantinople in AD 324 to the Ottoman conquest of the city in AD 1453. Topics covered include government, family, religion, law, education, philosophy and entertainment; all presented in their historical context. Students also consider Byzantine literature, history and art, and the role of Byzantine scholars, artists and rulers in preserving many of the cultural achievements of the Greeks and Romans through the barbarian invasions which put an end to the Roman Empire in the west in AD 476.

CLAS 274
The Hellenistic World
3 Credits Weekly (3-0-0)
This course considers the political, social, and cultural development of the Hellenistic world from c.335-30 BCE. In it, students will examine the principal sources for the period and the difficulties they present as they study the disintegration of the empire of Alexander the Great into several separate kingdoms. This study will set the rise of the Hellenistic kingdoms against the background of the social, cultural, and economic upheaval that came in the wake of Alexander's death. Themes include the development of art, diplomatic relations, the economy, kingship, literature, philosophy, religion, science, and trade.

CLAS 280
Identity and Belonging in Antiquity
3 Credits Weekly (3-0-0)
The question of who belongs is timeless. Greek and Roman communities generated a variety of responses and reactions to this question, some harshly exclusionary, some surprisingly liberal. Belonging was configured differently for men and women, adults and children, citizens and non-citizens, slaves and free people, and was mediated through social and cultural institutions. This course explores several of the institutions by which Greek and Roman societies and individuals defined themselves, and may include concentrations on social organization, law, or cultural and religious practices related to identity.
Prerequisite: A minimum grade of C- in CLAS 101 or any 200-level CLAS (p. 685) *course.*

CLAS 305
Comparative Mythology
3 Credits Weekly (3-0-0)
In this course students compare Greek and Roman mythology to other world mythologies such as Norse or Native American myth. One or more bodies of mythology are selected for particular attention in each offering of the course. Students identify the common features shared by various bodies of myth, as well as important differences and their significance. Students also examine a number of explanatory theories of myth and their application to specific problems.
Prerequisites: Minimum grade of C- in CLAS 102.

CLAS 309
The Roman Provinces
3 Credits Weekly (3-0-0)
This course considers the social, political, or economic history of a specific Roman province, a series of Roman provinces, or the provincial system under the Republic and Empire. Focusing on the ancient evidence from these provinces, this course considers the place of the Roman province(s) in the wider context, assessing several themes in ancient history, ranging from colonization, cultural interaction, and economic forces through to ethnicity, governance, identity, imperialism, and religion. More broadly, this study allows students to explore the manners in which indigenous and Roman cultures mixed or clashed and to evaluate how and whether the results of our examination of specific regions of the Roman world can be applied in broader ways to further our understanding of antiquity.
Prerequisites: A minimum grade of C- in CLAS 209 or CLAS 271 or department consent.

CLAS 314
Topics in Ancient Greek History
3 Credits Weekly (3-0-0)
This course explores themes and trends in the history of ancient Greece from the Mycenaean age to the Roman imperial period. Each offering of the course concentrates on a specific theme, process, or period, and varies from year to year. Students analyze problems and questions in Greek social, political, and/or cultural history on the basis of primary and secondary source material. Note: This course may be taken up to three times, provided the course topic is different.
Prerequisites: A minimum grade of C- in one of CLAS 208, CLAS 210, CLAS 270, CLAS 274, or CLAS 280.

CLAS 315
Topics in Roman History
3 Credits Weekly (3-0-0)
This course explores themes and trends in the history of ancient Rome from the republican period to the late empire. Each offering of the course concentrates on a specific theme, process, or period, and varies from year to year. Students analyze problems and questions in Roman social, political, and/or cultural history on the basis of primary and secondary source material. Note: This course may be taken up to three times, provided the course topic is different.
Prerequisites: A minimum grade of C- in CLAS 209, CLAS 210 or CLAS 271; or a minimum grade of C- in CLAS 280 and permission of instructor.

CLAS 316
Ancient Biography
3 Credits Weekly (3-0-0)
In this course, students examine ancient biographical writing as a literary and historical genre. Through careful and close readings of translated Greek and/or Latin biographical authors, students explore the literary and moral purposes of ancient biography. Attention is also paid to the methodology of ancient biographers, including their reinterpretation and reorganization of source material to suit their historical, literary, and biographical purposes. The course may concentrate on biographies dedicated to figures from a particular period in the ancient world, survey biographies written in and about different periods, or examine different types of biographies (e.g., political, hagiographical).
Prerequisites: A minimum grade of C- in at least one of CLAS 208, CLAS 209, CLAS 270, or CLAS 271.

CLAS 320
Greek Literature in Translation
3 Credits Weekly (3-0-0)
This course discusses Greek verse and prose in the era from Homer to late antiquity. Each offering of the course concentrates on a specific significant genre, theme, or period and varies from year to year. Students examine the works read in their social, cultural, intellectual, and historical contexts, and apply various theoretical and comparative models to the texts.
Prerequisites: A minimum grade of C- in one of CLAS 221, CLAS 225, or CLAS 270.

CLAS 321
Latin Literature in Translation
3 Credits Weekly (3-0-0)
This course discusses Latin verse and prose from the Republic to late antiquity. Each offering of the course concentrates on a specific significant genre, theme, or period chosen at the instructor's discretion. Students examine the works read in their social, cultural, intellectual, and historical contexts, and apply various theoretical and comparative models to the texts.
Prerequisites: A minimum grade of C- in one of CLAS 221, CLAS 225, or CLAS 271.

CLAS 333
Topics in Greek and Roman Religion
3 Credits Weekly (3-0-0)
In this course, students analyze a topic in Greek or Roman religion, related to religious belief, cultic practice, or public religion. This course typically focuses on literary evidence, but may also draw on archaeological material, to examine the influence of religion on social, cultural, and intellectual life in Greece and Rome. Topics may include, but are not limited to, personal religion in the ancient world, mystery cults, classical philosophical responses to and interpretations of classical religion. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in one of CLAS 233, CLAS 270, or CLAS 271.

CLAS 353
Art and Architecture of Augustan Rome
3 Credits Weekly (3-0-0)
This course examines the artistic, religious and historical trends of ancient Rome during the Augustan Age as manifested in the art and architectural monuments of the city and empire. Students consider Augustus' use of architectural and cultural patronage to shape public perceptions of political change. Students also examine primary literature in order to understand the social and cultural milieux of the late Roman Republic and early Roman Empire. Students with credit in CLAS 354 cannot receive credit in CLAS 353.
Prerequisites: Minimum grades of C- in CLAS 252 or CLAS 271.

CLAS 355
Life and Culture in Ancient Rome
6 Credits Weekly (6-0-0)
In this senior-level course, students study Roman society, history and culture in Rome. Students read accounts of Rome, its art and its architecture, and study the archaeological remains of the ancient city, from a historical, cultural and architectural perspective. Students examine sites and monuments from three distinct phases of Roman history: the Republican period, the early Empire and the Christian empire. The course runs for 21 days in Rome, during which the students attend lectures of two professors in situ. Note: Tuition and fees for this course cover the expenses of room and board; students are responsible for their own airfares.
Prerequisites: Consent of the Department (Students with credit in CLAS 110, CLAS 252 or CLAS 271 will be given preference).

CLAS 361
Ancient Family
3 Credits Weekly (3-0-0)
This senior level course in ancient social history focuses on in-depth analysis of the ancient Greek and Roman families in their historical and cultural contexts. Students consider the Graeco-Roman family in comparison to Near Eastern and Egyptian antecedents. The nuclear and extended families are emphasized, as are interventions in the family through law. Through reading of ancient sources and analysis of archaeological evidence, students also examine gender roles within the family and social and familial expectations of the household.
Prerequisites: A minimum grade of C- in one of CLAS 270, CLAS 271, CLAS 233, CLAS 252, or CLAS 280.

CLAS 380
Race & Ethnicity in the Ancient Mediterranean
3 Credits Weekly (3-0-0)
This course examines the issue of race and ethnicity in the ancient Mediterranean and surrounding areas. Students will consider ways of defining "race" and "ethnicity," the relationship between the two, and how racial/ethnic categories are applied to different groups. By examining the historical and social dimensions of definitions of "race" and "ethnicity" in the ancient Mediterranean, students will explore the ways racial/ethnic categories impact relationships within an ethnic group and between ethnic groups. In so doing, they will examine Greek/ Roman relationships with indigenous peoples outside of Greece and Rome and how Greek/ Roman ethnic and racial categorizations impacted those relationships.
Prerequisites: A minimum grade of C- in one of CLAS 280, CLAS 208, CLAS 209, CLAS 270, CLAS 271, or CLAS 274.

CLAS 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

CLAS 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

CMPT – Computer Science

CMPT 101
Introduction to Computing I
3 Credits Weekly (3-3-0)
This course provides a breadth-first introductory treatment of concepts in computing science for students with little or no programming background. Topics include data representation and machine architecture; algorithms and their properties; the control constructs of sequence, selection, and repetition; functions; and the notions of data type and operations on data types in low-level and high-level programming languages. Students do introductory programming for a portion of the course. Note: Students with no previous computing experience should enrol in CMPT 101 instead of CMPT 103. Credit cannot be obtained for CMPT 101 if credit has already been granted for CMPT 103.

CMPT 103
Introduction to Computing II
3 Credits Weekly (3-3-0)
This course continues the overview of computing science concepts that was started in CMPT 101. Topics include representation of compound data using abstraction, programming languages, and modularity; algorithms that use these data structures; and networks with the TCP/IP model and client/server architecture. Students continue with the syntax of a high-level programming language: functions, arrays, and user-defined data types.
Prerequisites: A minimum grade of C- in CMPT 101 or ENCP 100 or three credits of intermediate CSE including CSE 2120.

CMPT 104
Fluency with Information Technology
3 Credits Weekly (3-0-0)
This course introduces fundamental computational concepts. While some specific productivity software is covered, this is not a computer literacy course. The emphasis is on the concepts that underlie today's information infrastructure. Topics include abstraction, data representation and analysis, algorithms and algorithmic thinking, the Internet, and security.

CMPT 200
Data Structures and Algorithms
3 Credits Weekly (3-3-0)
This course continues the study of dynamic data structures (e.g., lists, stacks, queues, trees, and dictionaries) and associated algorithms (e.g., traversal, sorting, searching, element addition and removal). Recursion is covered, and some of the basic ideas of object-oriented programming, such as classes and objects, are introduced.
Prerequisites: Minimum grade of C- in CMPT 103.

CMPT 201
Practical Programming Methodology
3 Credits Weekly (3-3-0)
This course provides an introduction to the principles, methods, tools, and practices of the professional programmer. The lectures focus on best practices in software development and the fundamental principles of software engineering. The laboratories offer an intensive apprenticeship to the aspiring software developer. Students use C and the software development tools of the UNIX environment.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 204
Algorithms I
3 Credits Weekly (3-0-1)
This is a first course on algorithm design and analysis with an emphasis on fundamentals of searching, sorting and graph algorithms. Examples of methodologies considered include divide and conquer, dynamic programming, and greedy methods, together with analysis techniques to estimate program efficiency.
Prerequisites: Minimum grade of C- in CMPT 200 and CMPT 272 or MATH 200 and MATH 113 or MATH 114 (Note: CMPT 272 is preferred to MATH 200).

CMPT 220
Unix, Scripting, and Other Tools
3 Credits Weekly (3-2-0)
The student is introduced to a Unix-like operating system along with some of its important design features, such as processes, pipes, and the I/O model. Some of the basic tools and methodologies are discussed, including shell scripts, editors, and standard utilities. Various open source tools are surveyed.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 229
Computer Organization and Architecture
3 Credits Weekly (3-3-0)
This course provides a general introduction to number representation, the architecture and organization concepts of von Neumann machines, assembly level programming, exception handling, peripheral programming, floating point computations, and memory management.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 230
Introduction to Computer Games
3 Credits Weekly (3-0-0)
This course is an introduction to various aspects of computer game design and marketing. It focuses on the history of computer games, computer game markets, evaluation of computer games, creation and testing of interactive narratives, and game interface design. The course includes a final capstone design for an interactive (narrative) game. Note: This course has a significant writing component; students are advised to take ENGL 102 (or equivalent) prior to taking this course.
Prerequisites: Minimum grade of C- in any CMPT *(*p. 688*) or* ENGL (p. 725*) course or in either PSYC 104 or PSYC 105.*

CMPT 250
Introduction to Human Computer Interaction
3 Credits Weekly (3-2-0)
This course introduces students to the basic components of the interaction design process. Effective user interaction design emphasizes the importance of good interfaces and the relationship of user interface design to human-computer interaction (HCI). The concept of interaction is introduced with a focus on the centrality of the user in HCI. Other topics include interface and interaction types, data gathering and analysis to understand and solve the design problem; design requirements, prototyping and usability testing. The lab allows the students to apply the concepts, tools and methods, discussed in lecture, towards the major course project. Note: In addition to the prerequisite, it is recommended that students taking this course have completed an additional computing science course or an introductory course in psychology, sociology, or anthropology. Note: Students who have received credit in DESN 240 or DESN 242 will not receive credit for CMPT 250.
Prerequisites: A minimum grade of C- in CMPT 101 or CMPT 103.

CMPT 272
Formal Systems and Logic in Computing Science
3 Credits Weekly (3-2-1)
This course provides an introduction to the tools of set theory, logic, and induction, and their use in the practice of reasoning about algorithms and programs. Topics include basic set theory, the notion of a function, counting, propositional and predicate logic and their proof systems, and inductive definitions and proofs by induction.
Prerequisites: A minimum grade of C- in CMPT 101 or CMPT 103 or CMPT 200 and a minimum grade of C- in MATH 114 and C- in MATH 120 or MATH 125.

CMPT 280
Introduction to Computer Security
3 Credits Weekly (3-1-0)
Students are introduced to computer and network security and the underlying concepts of confidentiality, integrity, and availability. Topics include common cyberattacks, identifying vulnerabilities and defending against attacks, and approaches to creating secure systems. Students also work with some of the tools available to security administrators.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 291
Introduction to File and Database Management
3 Credits Weekly (3-3-0)
The course covers basic concepts in computer data organization and information processing, the entity-relationship model, the relational model, SQL, and other relational query languages. Other topics include storage architecture, physical organization of data, and access methods for relational data.
Prerequisites: A minimum grade of C- in CMPT 200.

CMPT 305
Introduction to Object-Oriented Programming
3 Credits Weekly (3-3-0)
In this course, students study the object-oriented programming (OOP) paradigm. The components of object-oriented programming are encapsulation, inheritance, and polymorphism. Students use some of the well established design patterns that recur in many non-trivial software systems. The last component of this course is event-driven programming. Note: Credit in CMPT 250 is recommended but not required.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 306
Non-Procedural Programming Languages
3 Credits Weekly (3-3-0)
This course examines various programming languages other than the standard third generation languages such as C++ and Java. This course considers a functional language (Lisp) and a logic language (Prolog). The underlying theories of lambda calculus (Lisp) and predicate logic (Prolog) are also studied. A limited number of applications to Artificial Intelligence are considered for both languages. This course also may examine additional interpreted languages.
Prerequisites: Minimum grade of C- in CMPT 200 and CMPT 272.

CMPT 310
Computers and Society
3 Credits Weekly (3-0-0)
This course explores the social, legal and ethical issues arising in the wake of computer technology, especially those concerning self, community, environment, education, work and democracy. Topics include ethical frameworks; data collection and use; privacy and security; intellectual property; artificial intelligence and automation; social responsibility. Note: This is a third year course. It is recommended that students taking this course have at least 48 earned credits in their program of study.
Prerequisites: Minimum grade of C- in CMPT 200.

CMPT 311
Phenomenon of Technology
3 Credits Weekly (3-0-0)
This hybrid course explores the role and significance of technology in our daily lives through a variety of theoretical and research frameworks and methods, including media ecology, phenomenology, STS (science, technology and society) studies, and human-computer interaction research.
Prerequisites: Minimum grade of C- in any 200-level course (Note: this is a third year course, It is recommended that students taking this course have at least 48 credits in their program of study).

CMPT 312
Introduction to Robotics: Programming and Control
3 Credits Weekly (3-3-0)
This project based course offers an introduction to the basic concepts in robotics and the various algorithms used for perception, locomotion, and pathway planning. Students will get hands on experience with programming micro-controllers and building hardware and will apply concepts learned through interdisciplinary projects.
Prerequisite: A minimum grade of C- in CMPT 200.

CMPT 315
Web Application Development
3 Credits Weekly (3-3-0)
This course introduces various technologies in web programming. It requires students to work both individually and collaboratively to design and develop interactive web-based applications. Students learn both client- and server-side programming, database programming, and basic security concepts and testing.
Prerequisites: Minimum grade of C- in CMPT 291 and CMPT 305.

CMPT 330
Introduction to Real Time Gaming
3 Credits Weekly (3-3-0)
This course introduces the basic concepts of 2D and 3D game writing. Students learn to handle sprite animation, collision detection, and simple game artificial intelligence, and gain an understanding of the basics of 2D and 3D display at the level of the game engine. During this course, students design and implement an effective user interface for a game using a game engine as well as create several very small games. The course culminates with a team-based major game project.
Prerequisites: Minimum grade of C- in CMPT 230 and CMPT 305.

CMPT 340
Introduction to Numerical Methods
3 Credits Weekly (3-2-0)
This course provides an overview of computational methods for solving problems in linear algebra, non-linear equations, interpolation and approximation, and integration. Computer arithmetic and errors are discussed. The aim is to teach students the proper use of mathematical packages currently available.
Prerequisites: Minimum grades of C- in CMPT 201, MATH 114, and one of MATH 120 or MATH 125.

CMPT 351
Introduction to Data Visualization
3 Credits Weekly (3-2-0)
This course introduces techniques and tools for creating effective visualizations based on principles from visual design, perceptual psychology, and cognitive science. The goal of this course is to expose students to visual representation methods and techniques that increase the understandability of complex and varied data.
Prerequisites: Minimum grades of C- in CMPT 250 and STAT 151.

CMPT 355
Introduction to Artificial Intelligence
3 Credits Weekly (3-3-0)
This course provides an introduction to Artificial Intelligence (AI). AI is the study of how human intelligence can be imitated by computer programs. The course presents a survey of the concepts and applications of AI - such as: intelligent agents, knowledge representation, state-space search, expert systems and shells, natural language processing, propositional logic, learning and cognitive models. Some of the AI techniques will be implemented using both procedural and non-procedural languages (Prolog and LISP). Note: Students should be able to program in a high level programming language that allows explicit access to the underlying memory model. C and C++ are acceptable languages.
Prerequisites: Minimum grade of C- in CMPT 201 and CMPT 272.

CMPT 360
Introduction to Operating Systems
3 Credits Weekly (3-3-0)
This course introduces the fundamentals of operating systems. Topics include scheduling, memory management, concurrency, security and protection, device management, and file systems. The laboratory component involves both the investigation of these concepts in current operating systems as well as their design and implementation.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 361
Introduction to Networks
3 Credits Weekly (3-3-0)
This course introduces the basics of networking with a focus on computer networks. Topics include network architectures, protocols, client-server programming, security, and network management. A selection of material from data compression and decompression and multimedia data technologies are also discussed.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 370
Introduction to Computer Graphics
3 Credits Weekly (3-3-0)
This course introduces students to the foundations of computer graphics. Topics covered include 2D and 3D transformations, interactive 3D graphics programming, shading and lighting models, geometric modelling, computer graphics rendering including ray tracing and texture mapping. There will be an emphasis on both the mathematical and geometric aspects of graphics, as well as the ability to write complete 3D graphics programs.
Prerequisites: Minimum grades of C- in CMPT 201, MATH 114, and in either MATH 120 or 125.

CMPT 380
Computer Systems Security
3 Credits Weekly (3-3-0)
Students are introduced to the principles and practice of computer systems security and get hands on experience with relevant tools used by security professionals. Students also write programs to illustrate vulnerabilities and attacks such as: buffer overflow, SQL injection, cross site scripting and cross site request forgery. Topics include: host and application threats and hardening, storage security, virtualization, secure software development and web and mobile security.
Prerequisites: A minimum grade of C- in CMPT 280 and CMPT 360.

CMPT 381
Cryptology from Classical to Post-Quantum
3 Credits Weekly (3-3-0)
Cryptographic algorithms are used to ensure the privacy and integrity of data, secure communications, and protect and even supplant currency altogether. However, their utility and ubiquity were recently threatened by developments in quantum computing, necessitating a near future shift to more sophisticated, quantum-resistant algorithms. In this course, students will study the evolution of cryptology, covering the essentials of classical and contemporary symmetric and asymmetric encryption and decryption algorithms in their many forms and applications. In addition, students will study the implications of quantum attacks and explore at least one newly certified quantum-resistant algorithm. The focus of the course will balance practical implementations of naturally theoretical and mathematical concepts.
Prerequisites: Minimum grades of C- in CMPT 200 and one of MATH 120 or MATH 125.

CMPT 391
Database Management Systems
3 Credits Weekly (3-2-0)
This is the second course in database management systems. Topics include database design, normalization theory, transaction management, query processing, and query optimization, building and supporting secure applications. Database support for special data types such as XML documents is considered. Support for complex applications, data analysis and information retrieval is also covered.
Prerequisites: A minimum grade of C- in CMPT 291.

CMPT 395
Introduction to Software Engineering
3 Credits Weekly (3-3-0)
This course is an introduction to the fundamental concepts of software engineering. Topics include software design and analysis, software process, requirements, design patterns and testing. Team management is considered in both the lecture and in the laboratory through the use of team projects.
Prerequisites: Minimum grade of C- in CMPT 201.

CMPT 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

CMPT 399
Topics in Computer Science
3 Credits Weekly (3-3-0)
In this course, students examine one or two topics in computer science. Topics will vary from year to year, but will typically build upon material students will have seen in the second year of their studies. Consultation with the department is required prior to registration. Note: This course may be taken multiple times for credit.
Prerequisites: Consent of the department.

CMPT 430
3D Game Development and Artificial Intelligence
3 Credits Weekly (3-3-0)
Modern game engines provide basic components such as animation and physics but to create a good game, the developer needs to provide functionality beyond the basics. This course will focus non-basic features such as camera control and game search/tracking heuristics. For the major project students will develop a portion of a game level using an existing commercial game engine. Note: CMPT 370 is recommended.
Prerequisites: Minimum grade of C- in both CMPT 330 and CMPT 395.

CMPT 450
Information Visualization
3 Credits Weekly (3-3-0)
This course continues the examination of human-computer interaction (HCI) that was begun in CMPT 250, but with the emphasis moving to the design and implementation of interactive visualization systems. Topics include design principles in information visualization, abstraction of data and user tasks, visual encoding, interaction techniques, and visualization toolkits.
Prerequisites: Minimum grade of C- in CMPT 250 and CMPT 305.

CMPT 455
Introduction to Machine Learning
3 Credits Weekly (3-3-0)
Machine learning (ML) is the science of making computers perform tasks without being explicitly programmed. There is a multitude of real-world applications of ML (e.g. speech recognition, advanced web search and information retrieval, self-driven cars). ML is used in almost any computer application without even knowing it. This class teaches the most effective machine learning techniques, along with practical skills to implement and adapt them to new problems.
Prerequisites: Minimum grades of C- in either CMPT 340 and STAT 151, or MATH 335 and CMPT 200.

CMPT 464
Wireless Networks and Embedded Systems
3 Credits Weekly (3-3-0)
This course introduces selected topics in embedded systems and wireless networks. Topics include an introduction to embedded systems with an emphasis on microcontrollers, techniques for programming embedded systems, design for low-power applications, the basics of radio communication, and protocols for both medium access control and routing within static and mobile environments. The laboratory is oriented toward the design and implementation of lecture topics using wireless sensor network hardware.
Prerequisites: Minimum grade of C- in CMPT 395 and C in CMPT 201.

CMPT 470
Introduction to Computer Vision
3 Credits Weekly (3-3-0)
Computer vision is a research field aimed to enable computers to process and interpret visual data, as sighted humans can. It is one of the most exciting areas of research in computing science and among the fastest growing technologies in today's industry. This course provides an introduction to the fundamental principles and applications of computer vision. Topics include feature detection and tracking, image matching and alignment, geometric relationships between 2D images and the 3D world, and some machine learning methods for computer vision.
Prerequisites: Minimum grades of C- in either CMPT 340 and STAT 151, or MATH 335 and CMPT 200.

CMPT 480
Computer Network Security
3 Credits Weekly (3-3-0)
Students are introduced to the principles and practice of computer networks security and get hands-on experience with relevant tools used by security professionals. Students also write code to illustrate vulnerabilities and attacks such as packet spoofing, ARP poisoning and DNS cache poisoning. Topics include network threats, hardening and monitoring, internet service hardening and network intrusion prevention and detection.
Prerequisites: Minimum grades of C- in CMPT 280 and CMPT 361.

CMPT 491
Datamining and Advanced Database Topics
3 Credits Weekly (3-3-0)
This course on data mining introduces the concepts, algorithms, techniques, and systems of data warehousing. Topics include what data mining is, data preprocessing, integration, and transformation. The design and implementation of data warehouse and OLAP systems, mining frequent patterns and association (basic concepts and advanced methods), and classification, clustering and outlier analysis are covered.
Prerequisites: Minimum grades of C- in STAT 151, CMPT 291, and in a 300-level CMPT *(*p. 688*) course.*

CMPT 496
Final Project
3 Credits Total (0-0-60)
In this course, students plan, conduct, and communicate the results of an independent project in Computer Science under the direction of a faculty supervisor. The project can be undertaken by an individual student or, if the scope warrants, by a team of students. Registration is contingent on the student(s) having made prior arrangements with a faculty member willing to supervise the project. Note: This course is intended for students in the final year of their degree. This course may be taken twice for credit.
Prerequisites: Minimum grade of C- in CMPT 395 and consent of the department.

CMPT 497
Computer Science Internship
3 Credits Total (45-0-90)
This course provides students with practical experience in a work environment. Students engage in work integrated learning through employment or internship in industry. Students learn in practice the professional aspects (work and ethics) of a computer scientist. At the end of the placement, students provide a presentation to demonstrate the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement. This course may be taken two times for credit. All placements require departmental approval.
Prerequisites: A minimum grade of C- in CMPT 395 and consent of the Department.

CMPT 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

CMPT 499
Topics in Computer Science
3 Credits Weekly (3-0-0)
In this course, students examine a topic of specialization in computer science. Topics will vary from year to year. Consultation with the department is required prior to registration. Note: This course may be taken multiple times for credit.
Prerequisites: Consent of the department.

CMSK – Computer Skills

CMSK 011
Computers Level I
5 Credits Weekly (0-5-0)
Computers Level I is a facilitated self-paced introduction to MS Office applications (MS Word, MS Excel, and MS PowerPoint). The course includes skills that can be used in further studies such preparing reports, essays, and presentations. Students are also provided with an opportunity to improve their keyboarding skills.

CMSK 015
Computers Level II
5 Credits Weekly (0-5-0)
Computers Level II is a facilitated self-paced exploration of MS Office applications (MS Word, MS Excel, and MS PowerPoint). The course includes skills that can be used in further studies such preparing reports, essays, and presentations. Students are also provided with an opportunity to improve their keyboarding skills.
Prerequisites: CMSK 011.

COMP – Comparative Literature

COMP 102
World Literature to the 17th Century
3 Credits Weekly (3-0-0)
This course focuses on analyzing and comparing major works of world literature from antiquity to the early seventeenth century. The texts use English translations and reflect the depth and diversity of various civilizations. The course is designed to cultivate the students' appreciation for serious literary works within a global, comparative context and to encourage their love of reading. As well, it aims to enrich the students' awareness of other cultures and literary traditions and to enhance the ethos of tolerance, acceptance, and respect for others.

COMP 103
World Literature from the 17th Century to the Present
3 Credits Weekly (3-0-0)
This course focuses on analyzing and comparing major works of world literature from the early seventeenth century to the present. Reflecting the depth and diversity of various civilizations, the texts in this course are studied in English translations. The course is designed to cultivate the students' appreciation for serious literary works within a global, comparative context and to encourage their love of reading. As well, it aims to enrich the students' awareness of other cultures and literary traditions and to enhance the ethos of tolerance, acceptance, and respect for others.
Prerequisites: Minimum grade of C- in COMP 102.

COOP – Co-operative Education

COOP 290
Co-op Pre-employment Seminar
0 Credits Weekly (0-0-1)
Students prepare for work integrated learning (WIL) opportunities by focusing on cooperative education guidelines and requirements. Students prepare for their job search by writing employment related documents such as career plans, resumes and cover letters. Employment search techniques, networking strategies and interview skills are developed. In addition, students discuss workplace issues such as office protocol, professionalism, and communication. Prerequisite or co-requisite - Acceptance in the COOP (p. 693) Stream.

COOP 295
Co-operative Education: First Work Experience
0 Credits Total (0-0-480)
Students gain discipline-related practical work experience and investigate their chosen career. They must perform a minimum of 360 work hours in a relevant job approved by the program. Students are introduced to theory and analytical tools to assist them in goal setting and conducting critical reflection of their experience.
Prerequisites: COOP 290.

COOP 395
Co-Operative Education: Second Work Experience
0 Credits Total (0-0-480)
Students gain further discipline-related practical work experience and study workplace process in relation to their field in which they must perform a minimum of 360 work hours in a relevant job approved by the program. Students extend their consideration of goal setting to learn how to analyze their role and set specific competency development objectives for the term. They also explore additional techniques to conduct critical reflective analysis and to examine their experiences to gain insight into their career development plans.
Prerequisites: COOP 295.

COOP 495
Co-Operative Education: Third Work Experience
0 Credits Total (0-0-480)
Students gain further discipline-related practical work experience and apply academic knowledge in relation to their field. Students must perform a minimum of 360 work hours in a full-time job approved by the program. The primary focus of the course is completion of the capstone project for the Co-operative Education coursework which is an ePortfolio. In completing the ePorfolio, students conduct a comprehensive critical reflection of their entire Co-operative Education experience.
Prerequisites: COOP 395.

CORR – Correctional Services

CORR 100
Human Relations
3 Credits Weekly (3-0-0)
The course assists students to become aware of the process of communication and the way in which it can be improved. Interpersonal communication skills are emphasized together with the awareness of self, the impact of self upon others and the relationship of these skills to the work of the corrections/criminal justice professional.

CORR 102
Foundations of Criminal Law
3 Credits Weekly (3-0-0)
Students study criminal law as it relates to the function of the corrections/criminal justice worker. The origin and development of Canada's legal system is examined, and students study current legislation including the Criminal Code, the Alberta Corrections Act, the Corrections and Conditional Release Act, the Youth Criminal Justice Act and the Canadian Charter of Rights and Freedoms. Particular attention is given to the Canadian judicial system.

CORR 104
Criminal Justice System
3 Credits Weekly (3-0-0)
This course provides an overview of the criminal justice system as it operates in Canada, from the commission of a crime to the termination of the sentence given to an offender. Included is an examination of the police, courts and correctional programs, including probation, fine options, community service orders, conditional sentences, incarceration and conditional release. A review of criminal justice history and philosophy, with a particular focus on correctional practice, is presented.

CORR 110
Introductory Criminology
3 Credits Weekly (3-0-0)
This is an introductory course in criminology that examines the development of criminological thought, theories of crime causation from varying perspectives, the concepts of crime and delinquent behaviour, the public understanding of and reaction to crime, and the methods by which crime is measured.

CORR 112
Correctional Interviewing
3 Credits Weekly (3-0-0)
This course is aimed at increasing the student's helping skills in order to work effectively in a corrections/criminal justice environment. Specific interviewing skills are taught including relationship building, active listening and attending, client observation and empathy. Assessment skills and information management/record keeping are also presented. Students have an opportunity to assess their own values and ethics within the context of the helping relationship.

CORR 114
Introduction to Field Placement
2 Credits Total (0-0-120)
Field placements constitute the practical component of the program and they provide an opportunity for the integration of theory and practice. The purpose of the first year placement is to provide students with the opportunity to develop and demonstrate professional competencies based on the knowledge, skills and values learned in the program courses.

CORR 116
Integration Seminar I
1 Credit Weekly (0-0-2)
Integration Seminar provides an opportunity for students to share their field placement experiences, to identify and discuss current issues and to apply and integrate course material with placement activities. Students focus on professional practice skills such as leadership, ethical decision making and advocacy. This seminar is taken concurrently with CORR 214 Field Placement II.
Co-requisites: CORR 214.

CORR 118
Introduction to Corrections
3 Credits Weekly (3-0-0)
This course examines Canadian correctional systems, policies and practices including those provided by federal, provincial and non-governmental agencies. Topic areas include a brief history of corrections, differing perspectives on punishment and correctional intervention, community and prison based correctional programming, operational effectiveness and future trends in correctional policy and practice. International approaches to correctional programming are also presented.

CORR 120
Restorative Justice
3 Credits Weekly (3-0-0)
Students explore and analyze the key principles and assumptions of restorative justice. The course contrasts restorative and retributive justice models, and provides an introduction to current and emerging practices in the Canadian criminal justice system including conferencing, victim/offender reconciliation programs, and mediation and peacemaking circles. International examples of alternative dispute resolution are also discussed.

CORR 202
Diversity and Justice in Canada
3 Credits Weekly (3-0-0)
Students explore diversity and justice within Canadian society from both current and historical perspectives. Topics including social inequality, gender and sexuality, multiculturalism, religion and spirituality, age, privilege and oppression, and ability are examined within the context of the Canadian criminal justice system. Students learn how to interact respectfully and ethically with people from diverse backgrounds and ways to incorporate this awareness into their professional practice.

CORR 204
Addiction in the Criminal Justice System
3 Credits Weekly (3-0-0)
This course covers common psychoactive drugs, drug-use patterns, intervention strategies and current best practices in prevention, treatment and recovery. Students learn about key strategies in assessment and referral, and concepts including education, health promotion and harm reduction. Changing political and social attitudes regarding addictions are also explored.

CORR 206
Addiction in the Criminal Justice System
2 Credits Weekly (2-0-0)
This course covers common psychoactive drugs, drug-use patterns, intervention strategies and current best practices in treatment and recovery. Students learn about key strategies in screening, assessment and referral, and concepts including prevention, health promotion and harm reduction. Changing political and social attitudes regarding addictions are also explored.

CORR 208
Selected Issues in Criminal Justice
3 Credits Weekly (3-0-0)
This course involves the exploration and critical evaluation of current scholarship regarding two designated topics in areas of study relevant to criminal justice students. Topics covered vary based on the expertise of faculty, requirements of the overall program of study, and suggestions from stakeholders. Topics may include areas of study such as: specific offender populations, emerging trends or issues in the fields of Canadian corrections and criminal justice, and/or innovative approaches to rehabilitation and reintegration. Students should consult with a university advisor for details regarding current offerings.

CORR 210
Correctional Methods and Practice
3 Credits Weekly (3-0-0)
This course provides students with an examination of the principles, values and effectiveness of correctional programming in both community and institutional settings. Case management strategies including investigation, classification, documentation, supervision and intervention are emphasized. The role and responsibility of the corrections/criminal justice professional are also presented and discussed. Case studies are employed to give students practical experience.

CORR 212
Correctional Counselling
4 Credits Weekly (4-0-0)
This course builds on the concepts and skills acquired in CORR 112 Correctional Interviewing. Using the case study method, students learn about and apply a variety of counselling methods and techniques including problem-solving, cognitive behavioural therapy, solution focused/motivational approaches and group counselling skills. As well, an overview of strategies to work effectively with special needs offender populations including youth, violent offenders and offenders with mental health issues is presented.
Prerequisites: CORR 112.

CORR 214
Field Placement I
4 Credits Total (0-0-180)
Field placements constitute the practical component of the program, and provide the opportunity for the integration of theory and practice. The purpose of placements is to provide students, within the context of specific field settings, the opportunity to develop and demonstrate professional practice at an intermediate level based on the knowledge, skills and values taught in program courses. This placement is taken concurrently with CORR 116 Integration Seminar I.
Co-requisites: CORR 116.

CORR 216
Integration Seminar II
1 Credit Weekly (0-0-2)
Integration Seminar provides an opportunity for students to share their experiences in field placement, to identify and discuss current issues and to apply and integrate course material with placement activities. Students focus on professional practice skills and career development strategies such as job search techniques, resume preparation, interviews and networking. The seminar is taken concurrently with CORR 224 Field Placement III.
Prerequisites: CORR 214 and CORR 116.
Co-requisites: CORR 224.

CORR 218
Youth and Crime
3 Credits Weekly (3-0-0)
This course provides an overview of the historical, social, and legal influences on youth and their involvement in the Canadian youth criminal justice system. Theoretical explanations of youth behaviour are examined. Emphasis is placed on the role of current and emerging social policies, programs, and practices that influence the behaviour of Canadian youth.

CORR 220
Correctional Counselling
3 Credits Weekly (3-0-0)
This course builds on the concepts and skills acquired in CORR 112 Correctional Interviewing. Students assess their own values and ethics within the context of the counselling relationship. Using activity-based learning, students are introduced to common counselling approaches used in the field of corrections, including problem-solving, cognitive behavioural therapy, strength-based approaches, and group counselling. Students learn and demonstrate the basic skills used within each counselling approach.
Prerequisite: CORR 112.

CORR 224
Field Placement II
4 Credits Total (0-0-180)
Field placements constitute the practical component of the program, and provide the opportunity for the integration of theory and practice. This placement is taken concurrently with CORR 216 Integration Seminar II. The purpose of placements is to provide students, within the context of specific field settings, the opportunity to develop and demonstrate advanced professional practice based on the knowledge, skills and values learned in program courses.
Prerequisites: CORR 214 and CORR 116.
Co-requisites: CORR 216.

COSL – Community Service Learning

COSL 200
Community Service Learning: Community Engagement
3 Credits Total (0-0-45)
The student, with discipline approval, engages in a community learning project or activity (on their own or as part of a team). Normally, this activity involves placement in an organization for 12-13 weeks. Any placement needs department approval. Course work involves successful completion of the placement and demonstration of the learning accomplished.
Prerequisites: Second Year Standing.

COSL 300
Community Service Learning: Building Local Community
3 Credits Total (0-0-45)
The class engages in a community learning project or activity that involves placement with an organization for up to 12 weeks. Course work involves preparation of an activity plan and identification of specific outcomes, the successful completion of the placement, and a critical analysis/demonstration of the learning accomplished.
Prerequisites: Third year standing and consent of the supervising department.

COSL 301
Community Service Learning: Building Peaceful Communities
6 Credits Total (15-0-75)
This international community service learning course promotes meaningful student participation in community projects. Students from various degree programs participate in a week-long lecture and workshop component in Canada, followed by a three-week community service (volunteer) experience in an international setting. Utilizing skills from their disciplines, students prepare and implement a project within the larger framework of the community organization. Students engage in and lead a number of activities during the community service part of the course. Experiential learning strategies, actions and reflection, as a means to promote global citizenship, are at the heart of the course.
Prerequisites: Third year standing.

COSL 302
Community Service Learning: Serving Local Community
3 Credits Total (0-0-45)
The student, with discipline approval, engages in a community learning project or activity. Normally this activity involves placement in an organization for up to 12 weeks. All placements require department approval. Course work involves preparation of an activity plan and identification of specific outcomes, the successful completion of the placement, and a critical analysis/demonstration of the learning accomplished.
Prerequisites: Third year standing and consent of the supervising department.

CRWR – Creative Writing

CRWR 195
Introduction to Creative Writing
3 Credits Weekly (3-0-0)
CRWR 195 is an introduction to creative writing. It exposes students to two literary genres and to the workshopping process. It also emphasizes reading contemporary creative writing and observing and discussing the elements of craft that contribute to the way in which readers respond to it. Students will also explore techniques for generating ideas that they can develop into their creative work. This course is intended for students wishing to fulfill a breadth requirement or who have no experience with creative writing.
Prerequisites: Minimum grades of C- in 6 credits of 100-level University English, not including ENGL 108, ENGL 111, or ENGL 199.

CRWR 295
The Craft of Writing
3 Credits Weekly (3-0-0)
CRWR 295 introduces students to writing in a minimum of two genres. Students are introduced to the technical elements of the form through writerly study and discussion of recently published work, by attempting to write their own original work, and by workshop-based critique of one another's work. This course emphasizes technical editing and revision toward producing polished work. This course serves as the prerequisite for further study in creative writing.
Prerequisites: Minimum grades of C- in 6 credits of 100-level University English, not including ENGL 108, ENGL 111, or ENGL 199.

CRWR 304
Writing Fiction
3 Credits Weekly (0-0-3)
CRWR 304 is an intermediate course in fiction writing. It allows students to build upon the fiction writing, editing, revision, and workshop skills learned in CRWR 295 and apply them to the creation of new fiction, typically the short story. Other forms of fiction are not excluded.
Prerequisites: A minimum grade of C- in CRWR 295.

CRWR 305
Writing Poetry
3 Credits Weekly (0-0-3)
CRWR 305 is an intermediate course in the art of writing poetry. Building on skills acquired in CRWR 295, students apply poetic theory to their own work and write poems in a variety of genres. This course is conducted as a workshop in which students' original work is the basis for class discussion. Note: This course was previously numbered CRWR 395 and ENGL 395. Students will only receive credit for one of CRWR 305, CRWR 395, or ENGL 395.
Prerequisites: A minimum grade of C- in CRWR 295.

CRWR 306
Writing Literary Non-Fiction
3 Credits Weekly (0-0-3)
CRWR 306 is an intermediate course in non-fiction prose writing, sometimes known as "literary non-fiction," "literary journalism," or "creative non-fiction." Students practice prose writing skills of this sort, read works of major twentieth century practitioners, and learn about existing venues for publication of literary non-fiction. Over the semester each student writes and revises a feature-length non-fiction article of his or her own. Note: This course was previously numbered CRWR 399 and ENGL 399. Students will only receive credit for one of CRWR 306, CRWR 399, or ENGL 399.
Prerequisites: A minimum grade of C- in CRWR 295.

CRWR 314
Topics in Writing Fiction
3 Credits Weekly (0-0-3)
CRWR 314 is an advanced course in fiction writing. It allows students to build on the fiction writing, editing, revision, and workshop skills learned in CRWR 295 and apply them to the creation of work emphasizing a single literary element such as setting, character, or dialogue. Or they may be applied to the creation of work in a specific genre such as science fiction, horror, mystery, or literary fiction. The topic and approach depend on the interests and expertise of the instructor. For detailed information about current course offerings, please consult the English department. Note: This course may be taken up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in CRWR 295.

CRWR 315
Topics in Writing Poetry
3 Credits Weekly (0-0-3)
CRWR 315 is an advanced course in poetry writing. Building on the skills acquired in CRWR 295, students focus on one or more contemporary or traditional approaches to writing poetry. Each iteration of the course is organized around the model provided by one or more genres or styles or schools of poetry, or around one or more technically and/or theoretically and/or culturally distinct poetic practices. The specific approach, in any given year, depends on the interests and expertise of the faculty. For detailed information about current course offerings, please consult the English Department. Note: This course may be taken up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in CRWR 295.

CRWR 316
Topics in Writing Literary Non-Fiction
3 Credits Weekly (0-0-3)
CRWR 316 is an advanced course in writing literary non-fiction. Building on skills acquired in CRWR 295, students focus on one or more contemporary approaches to writing literary nonfiction. Each iteration of the course is organized around the model provided by one or more styles or sub-genres of literary non-fiction. The specific approach, in any given year, is determined by the interests and expertise of the instructor. For detailed information about current course offerings, please contact the English department. This course may be taken up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in CRWR 295.

CRWR 317
Topics in Creative Writing
3 Credits Weekly (3-0-0)
CRWR 317 is a topics course in Creative Writing. Topics may range from editing practices to grammar for writers to playwriting or writing for the gaming industry. The course will be offered based on instructor availability and interest. Please consult the English department for current course offerings.This course may be taken up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in CRWR 295.

CRWR 404
Advanced Seminar in Creative Writing
3 Credits Weekly (0-0-3)
This workshop course gives students an opportunity to expand their abilities as creative writers. Students write in an assigned genre such as poetry, the short story, narrative non-fiction, play-writing, or the graphic novel, working independently to develop and strengthen their creative writing skills and techniques. Students should be prepared to submit several pieces of their own work for group discussion over the term and to prepare at least one piece for possible publication. By the end of the course, every student should have a substantial portfolio. This course may be taken up to two times, provided the course topic is different.
Prerequisites: Minimum grades of C- in 9 credits of 300-level CRWR *(*p. 696*) and consent of the department.*

CRWR 498
Independent Study in Creative Writing
3 Credits Total (0-0-45)
CRWR 498 permits an advanced student to work with an instructor to explore a specific project in depth through directed reading and extensive editing/revision. The student plans, executes, and reports the results of their independent writing project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise their project. Only open to students declared in the Creative Writing minor.
Prerequisites: Minimum grades of C- in 9 credits of CRWR *(*p. 696*) courses and consent of the department.*

CYCW – Child and Youth Care

CYCW 100
Adolescent Development
3 Credits Weekly (3-0-0)
Students begin to examine developmental theory and patterns typical of late childhood and adolescence. Psychosocial development, cognition, spirituality and moral judgment, cultural and gender influences, and physiology, including sexuality are explored. Environmental influences and typical patterns of adolescent behaviour are also considered. Students develop insight into their own style of relating to youth as influenced by their experiences as a young person. Students also acquire frameworks for helping families support youth with normal developmental tasks and fostering resilience in their young people.

CYCW 101
Helping Skills
3 Credits Weekly (3-0-0)
Students are introduced to the skills of effective, therapeutic relationship building with youth and families. The scope of practice of a Child and Youth Care counsellor and the importance of exploring diversity and spirituality in the helping process is also introduced. Students practice and demonstrate effective, foundational individual counselling skills, from a developmental model of counselling.

CYCW 102
Integration Seminar
1 Credit Weekly (0-0-2)
Students discuss field placement experiences and apply theory and skills from program course work. Professional and ethical conduct in relation to field experience is a focus. Students practice the skills of group work, communication, and leadership at a basic level.
Co-requisites: CYCW 103.

CYCW 103
Field Placement
2 Credits Total (0-0-120)
Students are introduced to the roles and responsibilities of a child and youth care practitioner through field placement. Students participate in therapeutic routines and activities in a work integrated learning environment. This workplace experience fosters the student's ability to develop an ethical helping relationship and to work on a team of child and youth care professionals in a school, residential, or community program.
Co-requisites: CYCW 102.

CYCW 104
Activity Programming
2 Credits Weekly (1-2-0)
This experiential course is designed to equip students with the attitudes, conceptual frameworks and skills to develop, lead and evaluate therapeutic activities for children, youth and families.

CYCW 106
The Child and Youth Care Profession
3 Credits Weekly (3-0-0)
Students are introduced to the field of Child and Youth Care and explore the ethics of becoming a professional practitioner. A historical orientation to the field provides context to the work that has and continues to be done in support of children, youth, and families. An overview and introduction of services provided, practice orientation, and governing bodies provides students with a foundation to their field practice.

CYCW 107
Child and Youth Care Practice
3 Credits Weekly (3-0-0)
This course provides an overview of the core theoretical domains and philosophical orientations that underpin relational-centred Child and Youth Care (CYC) practice. Students are also introduced to the concept of praxis as a critical learning framework to foster risk-taking, creativity, and unconventionality. This type of learning environment requires active and respectful participation of all students.

CYCW 108
Diversity and Difference in Child and Youth Care Practice
2 Credits Weekly (2-0-0)
In this course, students critically engage in diversity and difference to increase their awareness of cultural complexities in diverse social environments. Students gain an understanding of the multi-dimensionality of identities and experiences and how they are linked to issues of social justice. Topic areas address the impact of social circumstances upon the lives of children, youth, families and communities from both current and historical perspectives.

CYCW 109
Introduction to Practicum
3 Credits Total (0-30-60)
This course is an introduction to child and youth care practice focusing on preparation for field experiences. Students begin to explore their understanding of the role of the the child and youth care professional by engaging in individual reflective and group process and apply child and youth care concepts to simulated field scenarios. Areas of focus include attitudes and self-awareness, professionalism, helping relationships, supervision, and methodologies. Students are provided the opportunity to develop the skills involved in group work, communication, and co-leadership.

CYCW 110
Integration Seminar
1 Credit Weekly (0-0-2)
Students discuss field placement experiences and apply theory and skills from program course work to practice. Professional and ethical conduct in relation to field experience is a focus. Students practice the skills of group work, communication, and leadership at an intermediate level.
Prerequisites: CYCW 102.
Co-requisites: CYCW 111.

CYCW 111
Field Placement
2 Credits Total (0-0-120)
Through continuing participation and co-leadership in routines and activities, this second placement further develops the core skills of a competent child and youth care practitioner. Students advance their skill and knowledge by focusing on relationship as a therapeutic tool. Students are expected to demonstrate creativity in planning activities, to be more independent problem solvers, and to show initiative.
Prerequisites: CYCW 102 and CYCW 103.
Co-requisites: CYCW 110.

CYCW 112
Family Dynamics
2 Credits Weekly (2-0-0)
Students examine the family as a system within a broader ecological systems context. Students begin with an overview of basic family systems theory and then focus on the application of this core knowledge to their own family of origin. Through this self-study approach, students recognize and explore issues that may affect their ability to work with at-risk youth and families.

CYCW 114
Individual Counselling
3 Credits Weekly (3-0-0)
Students continue to study the developmental model of individual counselling. Specific skills are taught that allow students to assist youth and adult clients in fully exploring and clarifying problem situations and missed opportunities in their lives; and to challenge their limited perspectives and access personal strengths, competencies and capabilities. Students are introduced to the solution-focused approach to helping, life space counselling, and spirituality in the helping process.
Prerequisites: CYCW 101.

CYCW 115
Introduction to Family
3 Credits Weekly (3-0-0)
Various systems theories are used to illustrate how families operate as systems. Students apply foundational concepts from systems theories to their own family of origin to explore how their own family identity might influence how they work with children, youth and families.

CYCW 124
Therapeutic Activities
3 Credits Weekly (3-0-0)
This experiential course is designed to equip students with the attitudes, conceptual frameworks and skills to develop, lead and evaluate therapeutic activities for children, youth and families.

CYCW 125
Practicum
3 Credits Total (0-30-150)
Students examine linkages between child and youth care course work through participation in weekly seminars to experience ongoing group development and discuss field experiences. As a professional in training, students have the opportunity to build intentional helping relationships with young people and participate in and facilitate the activities of the child and youth care field setting alongside other professionals. There is a continued focus on developing skills involved in group work, communication, and co-leadership in an applied context. Students identify strategies for balancing the demands of course work outside of a classroom setting.
Prerequisites: CYCW 109.

CYCW 128
Diversity and Difference in Child and Youth Care Practice
3 Credits Weekly (3-0-0)
Students critically engage in diversity and difference to increase their awareness of cultural complexities in diverse social environments. Students gain an understanding of the multi-dimensionality of identities and experiences and how they are linked to issues of social justice. Topic areas address the impact of social circumstances upon the lives of children, youth, families and communities from both current and historical perspectives.

CYCW 200
Child/Youth Care Methods I: Current Trends
3 Credits Weekly (3-0-0)
Students explore current trends in the child and youth care field and broader communities that impact their practice. Students consider continually changing societal conditions and explore emerging areas relevant to child and youth care practice such as social policy, human rights, poverty, social inequity, and addiction. Students gain an understanding of specific approaches that increase their capacity to effectively support children, youth and families in diverse social environments and circumstances.

CYCW 201
Supporting Mental Health for Children, Youth, and Families
3 Credits Weekly (3-0-0)
Students explore a range of childhood, adolescent, and family mental health experiences and challenges. The causes and responses of commonly diagnosed physical/organic, social, emotional, and behavioral disorders are considered. Students examine a range of challenges from a strength-based and family perspective, in regards to awareness, understanding, and supporting people experiencing mental health concerns. The role of the child and youth care practitioner in settings providing mental health services is examined. Through self-exploration and research, students gain practical techniques and skills to support growth from mental illness to mental wellness.

CYCW 202
Integration Seminar
1 Credit Weekly (0-0-2)
Students discuss field placement experiences and apply theories, knowledge and skills from second year course work to their Child and Youth Care field placement practice. Students practice group work skills in seminar sessions. Students explore the notion of "caring for the caregiver," designing and applying self-care strategies to themselves as helping professionals.
Prerequisites: CYCW 110 and CYCW 111.
Co-requisites: CYCW 203.

CYCW 203
Field Placement
4 Credits Total (0-0-240)
Students work in challenging child and youth care settings, with a focus on supporting youth and families to make effective change in their lives. In group care, family-based, or specialized community programs, students demonstrate individual counseling, life-space teaching, activity programming, and crisis intervention, along with the core competencies of relationship building, behaviour management, report writing and team work.
Prerequisites: CYCW 110 and CYCW 111.
Co-requisites: CYCW 202.

CYCW 204
Group Work
3 Credits Weekly (3-0-0)
Students explore the role of therapeutic groups for children, youth, and families in child and youth care contexts. Students begin to integrate foundational counselling skills into their group work practice in child and youth care settings. Students apply group facilitation skills in the classroom.
Prerequisites: CYCW 214.

CYCW 205
Family Systems and Dynamics
3 Credits Weekly (3-0-0)
Students are introduced to conceptual frameworks to assess family systems and understand contemporary issues facing today's families. The perspective of family resilience is integrated with family developmental theory as a conceptual map to guide family intervention. Theoretical models of support programs and services available to families are also analyzed. Critical thinking is emphasized in relation to entry-level competencies in child and youth care.
Prerequisites: CYCW 115.

CYCW 206
Child/Youth Care Methods II: Therapeutic Interventions
3 Credits Weekly (3-0-0)
This is an applied therapeutic intervention practice course in which theoretical content is combined with experiential learning. Students explore the process of altering the story about "self" which is held by the child, youth, and his/her family through the application of expressive therapies, which includes arts-based creative journaling, cinema and biblio-therapy, poetry therapy, music therapy, drama therapy, body-movement therapy, and arts-based cognitive behavioural therapy. Students are also encouraged and challenged to explore the usage of art-based therapies from a multicultural perspective to foster inclusiveness and respect differences.

CYCW 207
Integration Seminar
1 Credit Weekly (0-0-2)
Students discuss field placement experiences and apply information and skills from course work completed. In this fourth seminar, students practice advanced group work skills and also engage in essential job search activities.
Prerequisites: CYCW 202 and CYCW 203.
Co-requisites: CYCW 208.

CYCW 208
Field Placement
4 Credits Total (0-0-240)
Students practice required entry-level competencies of a child and youth care worker. In group care, family-based or specialized community programs for youth and their families, the student demonstrates the competencies of service planning, implementation and evaluation within a service team.
Prerequisites: CYCW 202 and CYCW 203.
Co-requisites: CYCW 207.

CYCW 209
Family Support and Intervention
2 Credits Weekly (2-1-0)
Students learn about and critique a child and youth care approach to family support work in the life space of children, youth and families. Students build on prior knowledge of development, family dynamics, and professional helping to practice, demonstrate and evaluate family assessment and intervention skills necessary to support and facilitate meaningful change. Specific skills including activity and strength-based interventions are applied to a family context.

CYCW 211
Development Across the Lifespan
3 Credits Weekly (3-0-0)
Students examine major developmental milestones and challenges across the lifespan, beginning at conception and ending with death and dying. Students explore various theoretical perspectives and relevant research at all developmental stages. Students describe and apply the lifespan perspective to child and youth care practice with children, youth and families.
Prerequisites: CYCW 100.

CYCW 214
Child and Youth Care Practice With Individuals
3 Credits Weekly (3-0-0)
Students continue to study the developmental model of foundational individual counselling and narrative approaches and principles. Specific skills are taught to assist youth and adults in fully exploring, validating, and responding to the individual's lived, emotional experiences. Students are introduced to the solution-focused, applied behavioral analysis, and motivational interviewing approaches to working with youth and adults. Students continue to explore the scope of practice, ethics, diversity, and spirituality in the therapeutic process of child and youth care work.
Prerequisite: CYCW 101.

CYCW 215
Practicum
3 Credits Total (0-30-210)
Students participate in weekly seminars to discuss field experiences and identify opportunities to apply child and youth care theoretical frameworks, knowledge and skills from coursework to their interactions in a practicum setting. As developing professionals, students also explore the notion of "caring for the caregiver", designing and applying self-care strategies to themselves. In a supervised setting, students apply skills in counseling, life-space teaching, purposeful use of therapeutic activities, and crisis intervention, along with competencies of relationship building, developmental practice methods, and team work. Students learn about the purpose and ethical requirements of professional documentation and report writing.
Prerequisite: CYCW 125.

CYCW 219
Family Support & Intervention
3 Credits Weekly (3-0-0)
Students learn about and critique a child and youth care approach to family support work in the life space of children, youth, and families. Students build on prior knowledge of development, family dynamics, and professional helping to practice, demonstrate and evaluate family assessment and intervention skills necessary to support and facilitate meaningful change. Specific skills including the use of activity and strength-based interventions are applied in a family context.
Prerequisite: CYCW 205.

CYCW 225
Practicum
3 Credits Total (0-30-210)
Students discuss practicum experiences and apply child and youth care theoretical frameworks and skills from course work. In this seminar, students practice intermediate group work skills and also engage in essential job search preparation. In a supervised practicum setting, students demonstrate the competencies of assessment, service planning, implementation, and evaluation within service teams. Child and youth care methods are explored, including: recognizing opportunities for connection in the context of the life space, managing conflict and boundary setting, developing alternative strength-based stories, and fostering competence and confidence in children, youth, and families. Students engage in opportunities to provide input to and practice professional documentation and report writing.
Prerequisites: CYCW 215.

CYCW 302
Advanced Child and Youth Care Practice I: Linking Theory, Self and Ethics
3 Credits Weekly (3-0-0)
This in-depth course examines professional child and youth care practice and integration of theory, self, and ethical practice by focusing on the major theoretical change frameworks and their associated philosophies, goals, strategies and techniques. Students are challenged to identify their unique life-position lenses, that is, how based on early life experiences, they position themselves in relation to others and see the world and their place in it. Their life-position lenses are considered in relation to various theoretical change models, and students explore, develop and integrate their own theoretical orientations and perspectives on change. Emphasis is placed on developing one's on-going self awareness, critical thinking abilities, and purposeful ethical Child and Youth Care practice.

CYCW 303
Global Perspectives
3 Credits Weekly (3-0-0)
Students explore child and youth care practices from a global perspective. Global policies, migration patterns, cross-cultural practices and therapies, holistic care, and the role of child and youth care practitioners in various contexts are considered. Students appraise the strengths and challenges of working in diverse contexts, across borders, and enhance their cultural understanding. Students reflect on their individual privileges, resources, and contributions to the field while examining and deconstructing the complexities of child and youth care practice within Canada and beyond.

CYCW 323
Child and Youth Care Research
3 Credits Weekly (3-0-0)
Students are introduced to the principles of the scientific method of inquiry and the skills necessary to design and implement a course-based research project. Within an applied research context, students are introduced to the major research paradigms (positivism, interpretivism, and critical) and strategies of inquiry (qualitative, quantitative, and mixed method). Students select a topic of interest, frame a researchable question, map-out a literature review plan, design a sample strategy, collect and analyze data and showcase their projects in a poster session.

CYCW 325
Quantitative Analysis
3 Credits Weekly (3-0-0)
Students examine statistics as a set of tools and techniques used to organize, describe and interpret information. The strengths and weaknesses of statistical analysis as one component of the research methodology are appraised. Statistical techniques discussed include measures of central tendency, correlation coefficients, normal distributions, t-tests and analysis of variance. Introduction to quantitative research design includes, but is not be limited to, concepts such as statistical significance, sample size, reliability, variance and research design. The relevance of this approach to child and youth care practice and research is explored.

CYCW 339
Applying Developmental Theory to Practice
3 Credits Weekly (3-0-0)
Students consider the implications of contemporary perspectives on traditional developmental theory and research for advanced child and youth care practice. Emphasis is placed on the development of self and relationships in the contexts of the family, school, community, and therapeutic intervention. The themes of resilience and diversity and their effects on development are explored. Students apply developmental perspectives to their own life experiences as these relate to their work with children, youth, and families.

CYCW 340
Social Justice with Children, Youth, and Families
3 Credits Weekly (3-0-0)
This in-depth course introduces students to contemporary social justice theories and research within current and historical sociopolitical climates. Emphasis is placed on the intersections of 'difference' in relation to social justice issues in global, national and local contexts including professional helping environments. Students apply theoretical perspectives to their own personal life experiences and professional work with children, youth, and families.

CYCW 350
Law and Social Services
3 Credits Weekly (3-0-0)
This course provides students with a basic introduction to law and legal issues in the child welfare system. The child and youth care role requires increasing knowledge of the law and awareness of ethical and legal obligations for the professional child and youth care practitioner. Throughout the course, consideration is given to the function of law as an institution and the role of law as an expression of social policy, including the system in racism in the legal system. The course instills an awareness of legal principles and the rights of children, youth and families, and the responsibility of social services staff to uphold these rights. The course provides a knowledge base in family and child protection law, civil liberties, court procedures and hearings, and evidence-giving skills.

CYCW 360
Abuse and Neglect
3 Credits Weekly (3-0-0)
Students explore their own values and attitudes toward abuse and neglect and critically examine theory and research relating to child and family abuse and neglect. Definitions of abuse and neglect are explored across different historical, systemic and cultural contexts. Students learn the causes, indicators, dynamics, and consequences of abuse and neglect for individuals, families and communities. Students prepare to recognize, assess, respond, and intervene competently in situations of abuse and neglect as they arise with children, youth and families.

CYCW 361
Substance Abuse
3 Credits Weekly (3-0-0)
Students analyze and compare theories, principles, systems, issues, and the interventions in the field of alcohol and substance abuse as they pertain to Child and Youth Care practice with children, youth, families, and communities. Students explore their personal beliefs, values, and ethics regarding both substance abuse and how change occurs. They consider how these beliefs, values and ethics may impact their work with clients.

CYCW 403
Advanced Child and Youth Care Practice: Linking Theory, Self, and Ethics
3 Credits Weekly (3-0-0)
This in-depth course examines professional child and youth care practice and integration of theory, self, and ethical practice by focusing on the major theoretical change frameworks and their associated philosophies, goals, strategies and techniques. Students are challenged to identify their unique life-position lenses, that is, how based on early life experiences, they position themselves in relation to others and see the world and their place in it. Their life-position lenses are considered in relation to various theoretical change models, and students explore, develop and integrate their own theoretical orientations and perspectives on change. Emphasis is placed on developing one's on-going self awareness, critical thinking abilities, and purposeful ethical child and youth care practice.

CYCW 411
Practicum
3 Credits Total (0-30-120)
This supervised practicum consists of an experiential learning component as well as a weekly seminar. Students focus on a specific area of practice and on locating their practicum in terms of its social context. Relevant legislation and social policy are examined and the impact of these on policy and applied practice is explored. Students examine their practicum with consideration to applicable factors such as agency or community mission, structure, professional roles, service delivery model or objective of their practicum, and evaluate how these elements relate to the needs of the individuals and families being served. Students consider social justice issues, intersectionality, diversity and critically assess their professional ethics in child and youth care practice. Students must complete all third year child and youth care classes before registering in CYC 411.

CYCW 412
Practicum
3 Credits Total (0-30-120)
This supervised practicum consists of an experiential learning component as well as a weekly seminar. Students deepen their understanding and applied skills in areas of service planning, assessment, change strategies, evaluation, and/or project planning and delivery at an advanced level. Students integrate current child and youth care theoretical frameworks and research into their practice. Students strengthen their ability to articulate methods of applied professional values and ethics in relation to their practicum. Students are challenged to develop and express their own professional identity through ongoing engagement and understanding of the expertise of other professionals and function as contributing partners in the community and service team. *Prerequisite: CYCW 411.*

CYCW 423
Child and Youth Care Research
3 Credits Weekly (3-0-0)
Students are introduced to the principles of the scientific method of inquiry and the skills necessary to design and implement a course-based research project. Within an applied research context, students are introduced to the major research paradigms (positivism, interpretivism, and critical science) and strategies of inquiry (qualitative, quantitative, and mixed method). Students select a topic of interest, frame a researchable question, map-out a literature review plan, design a sample strategy, collect and analyze data, and showcase their projects in a poster session.

CYCW 425
Quantitative and Qualitative Analysis
3 Credits Weekly (3-0-0)
Students examine statistics as a set of tools and techniques used to organize, describe and interpret information. The strengths and weaknesses of statistical analysis as one component of the research methodology are appraised. Statistical techniques discussed include measures of central tendency, correlation coefficients, normal distributions, t-tests and analysis of variance. Introduction to quantitative research design includes but is not be limited to concepts such as statistical significance, sample size, reliability, variance and research design. Collection and analysis of qualitative research data is also introduced, and the relevance of this approach to child and youth care practice and research is explored.

CYCW 461
Addictions and Recovery
3 Credits Weekly (3-0-0)
Students analyze and compare theories, principles, systems, issues, and the interventions in the field of alcohol and substance abuse as they pertain to child and youth care practice with children, youth, families, and communities. Students explore their personal beliefs, values, and ethics regarding both substance abuse and how change occurs. They consider how these beliefs, values and ethics may impact their work with clients.

CYCW 465
Advanced Child and Youth Care Practice with Community Groups
3 Credits Weekly (3-0-0)
Child and youth care operates in an increasingly complex work environment, impacted by rapidly changing social, legislative, and economic conditions. This course begins with examining the charitable sector in Canada and the provincial and federal laws that set the parameters for operations. The impact of an ever-changing environment on the operations of community-based organizations are assessed. Community leaders from the charitable sector share learnings from their years of practice to assist students to integrate the broader system into their daily practice. The concept of advocacy for the children, youth and families served continues to be important while social policy is addressed as a starting point for systemic change. Students assess the role of child and youth care practice in the broader community context.

CYCW 466
Advanced Child and Youth Care Practice with Families
3 Credits Weekly (3-0-0)
Students learn about current theories, frameworks, and models for understanding family dynamics and guardianship practices. Family assessment methodologies and interventions which are appropriate to child and youth care settings are explored. This course builds on existing theories of family dynamics and intervention strategies to create a holistic child and youth care approach to working with families in life spaces.

CYCW 474
Advanced Child and Youth Care Practice with Individuals
3 Credits Weekly (3-0-0)
Students focus on advanced skills and theories for child and youth care counselling with individuals. Using a relational perspective, students integrate and apply a range of counselling psychology theories for counselling individual children, youth, and family members including: humanistic, behavioural, socio-cultural and developmental models of counselling. Spirituality and cross-cultural topics are considered as they relate to the therapeutic relationship. Students examine counselling psychology literature and research relevant to the child and youth care counsellor's scope of practice, ethics, diversity and spirituality in the therapeutic process.

DESN – Design

DESN 110
Design Studio I: Visual Organization, Composition and Visual Language
3 Credits Weekly (2-2-0)
This course introduces the foundational elements and principles of two- and three-dimensional form as they relate to visual communication. Design process and problem solving through project-based studies are emphasized as students acquire the fundamentals of visual language, composition and colour. This course also introduces students to the principles of visual perception and communication theory.

DESN 120
Design Software I
3 Credits Weekly (2-2-0)
This course introduces the digital work environment of a visual communication designer. Students develop a foundation of software skills while attending to best practices of reliable organizational and file management habits, suitability of software application for a variety of production outcomes and technology problem solving skills.

DESN 131
Typography I
3 Credits Weekly (2-2-0)
Students are introduced to the history of letterforms, and the use of typography as it relates to visual communication design. Terminology, systems of measurement, type families and classification are explored, while students study the structure and layout of the printed page. There is special emphasis on the fundamentals of legibility, readability and hierarchies of information, while the typographic grid is introduced and put into practice in basic layouts. Students experiment as well with the expressive potential of type as image. Note: Students cannot obtain credit in both DESN 131 and DESN 230.
Prerequisites: DESN 110 and DESN 120.

DESN 150
Image Structure and Meaning
3 Credits Weekly (2-2-0)
Students develop visual sensitivity through the creation of static and dynamic images using photography and video. Composition, framing, viewpoint and use of light are studied and practiced as students visually explore the world around them. Students research a range of subject matter in order to develop a message as well as compose, shoot and edit photographs and video. Special consideration is given to the relationship between composition and communicative value. This course also introduces students to the basic principles of communication theory and selected aspects of the history of the lens arts.

DESN 171
History of Visual Communication Design
3 Credits Weekly (3-0-0)
The history of visual communication design from antiquity to the present is explored through discussion of the development of visual language; the relationships between fine arts and the commercial arts; technological, socio-cultural and theoretical innovations that influence visual communications; graphic style; and, the social and political climates that defined each era. Students discover the works of graphic design, movements, styles, principles and theories. Credit may be obtained in only one of DESN 270 or DESN 171.
Prerequisites: ENGL 102.

DESN 200
Drawing for Illustration
3 Credits Weekly (2-2-0)
Students explore the communicative potential of illustration as a visual medium. The human figure, natural and manufactured forms are rendered through traditional illustration techniques. Through creative, aesthetic and expressive choices, students are challenged to resolve the illustration of visual concepts.
Prerequisites: DESN 203.

DESN 203
Concept Visualization
3 Credits Weekly (2-2-0)
This course fosters creative thinking through brainstorming, rapid visualization, sketching and storyboarding. Design concept and ideation are emphasized as students are challenged to express original ideas on paper. Students develop a visual vocabulary for the exploration and representation of ideas through the study of line, gesture, media and mark-making, observational exercises and other drawing techniques. Note: Students cannot obtain credit in DESN 203 and DESN 100 or DESN 103.

DESN 205
Design Studio II: Process, Audience, and Context
3 Credits Weekly (2-2-0)
This course introduces students to design thinking. The role of the designer, design research, and design process are introduced in a project-based context, as students are challenged to develop concepts, rationales and basic formal solutions to real-life design problems. Principles of visual communication theory are introduced. Students who have taken DESN 210 cannot receive credit for this course.
Prerequisites: DESN 110, DESN 120, DESN 150.

DESN 220
Design Software II
3 Credits Weekly (2-2-0)
Students gain a professional understanding of file assembly techniques, refining their ability to build and manage complex production files for digital and offset output. Students study the functions of, and relationships between, software production applications used in the design and pre-press stages of current printing and publishing technologies. Multi-page print and dimensional projects allow for advanced application and integration of typography, illustration, image production and manipulation, colour, bindery, and finishing techniques. Note: Students cannot obtain credit in both DESN 220 and DESN 210.
Prerequisites: DESN 120.

DESN 231
Typography II
3 Credits Weekly (2-2-0)
Students continue the study of typography as an essential component of visual communication design. This course advances knowledge of the interrelationship of content and form, while exploring the integration of type and image, the use of grid systems, and the expressive potential of typography. There is special emphasis on analysis of content and concept; organization of information and visual hierarchy; legibility and readability; excellence in the mechanics of type; and the application of typographic systems for a variety of publication types. Principles of the design of information and the display of quantitative data are introduced. Students also further develop software skills to adhere to industry standard practices of production. Note: Students cannot obtain credit in both DESN 231 and DESN 330.
Prerequisites: DESN 131 and DESN 203.

DESN 240
Introduction to Digital Experience Design
3 Credits Weekly (2-2-0)
Students are introduced to the field of user experience design, applying design processes, methods and visual design skills to the creation of digital products such as websites and software applications (apps). Students learn to recognize audience behaviours, translate them into user goals and tasks, and incorporate these tasks into visual interface designs. Interface designs may be translated into clickable prototypes using industry-standard tools. While developing creative and technical skills in the medium, students design and manage digital projects from research to conceptualization to refined designs. Note: Credit can only be obtained from one of the following: CMPT 250, DESN 240 or DESN 242.
Prerequisites: DESN 205 AND DESN 131.

DESN 242
Introduction to Digital Experience Design for Non-Designers
3 Credits Weekly (2-2-0)
Students are introduced to the field of user experience design, applying design processes, methods and visual design skills to the creation of digital products such as websites and software applications (apps). Students learn to recognize audience behaviours, translate them into user goals and tasks, and incorporate these tasks into visual interface designs. Interface designs may be translated into clickable prototypes using industry-standard tools. While developing creative and technical skills in the medium, students design and manage digital projects from research to conceptualization to refined designs. Note: Credit can only be obtained from one of the following: CMPT 250, DESN 240 or DESN 242.
Prerequisites: 12 Credits.

DESN 250
Introduction to Photography
3 Credits Weekly (2-2-0)
Using a DSLR camera and accessories, students explore photography as a tool of communication. Through the practice of photographic techniques, students develop the photographer's sensibilities for composition, exposure, lighting and camera operation. Creative decisions, both technical and aesthetic, are emphasized. Master photographers are studied to inspire and develop a critical vocabulary.
Prerequisites: DESN 120 and DESN 150.

DESN 260
Introduction to Video
3 Credits Weekly (2-2-0)
This course introduces the communicative possibilities of video, focusing on creative vision, acquisition, and editing. Students engage in the creative process, produce short video projects, and learn how to creatively utilize video assets. Students will explore how audio and visual editing techniques influence the message and viewer perception.

DESN 261
Motion Graphics I
3 Credits Weekly (2-2-0)
Students create visual narratives with motion typography and animation. The principles of motion, time, colour, sound and space are explored as students learn to apply the tools and techniques of the motion graphics designer to creative animated visual sequences.
Prerequisites: DESN 131 and DESN 260.

DESN 271
History of Modern Design and Material Culture
3 Credits Weekly (3-0-0)
This course introduces students to the history of Modern design and material culture. Students will examine the relationship between visual and material culture and major socio-economic and cultural formations of modernity such as industrialization, mass production, mass media, urbanization, technology, progress, consumption and lifestyle. Artifacts of western and non-European culture including art, architecture, furniture, products, interior design, clothing, and visual communication design are examined in the context of design history.
Prerequisites: DESN 171 and one of ENGL 103, ENGL 104 or ENGL 105.

DESN 290
Business of Design
3 Credits Weekly (3-0-0)
In this course students learn business skills that designers need to effectively work as a practicing visual communication designer. Topics include time and file management, management of client relations, team building and subcontracting, marketing and self-promotion, negotiation and pricing, ethical and legal standards of practice. Students will also be given an introduction to portfolio development. Guest speakers provide real-world examination of the professional practice. Note: Students may receive credit in only one of DESN 290 or DESN 390.
Prerequisites: DESN 220, DESN 240 and DESN 310.

DESN 295
Field Placement
0 Credits Total (0-0-105)
The opportunity to establish working relationships and observe the real-world workplace is central to this course as students experience the pace and demands of a design agency or communications department. Working under the supervision of a professional practicing designer, students apply the skills learned in course work and demonstrate the techniques, methods and problem solving expected of a professional designer. NOTE: Students cannot obtain credit in both DESN 295 and DESN 391.
Prerequisites: Minimum grade of B+ in DESN 231, DESN 240, and DESN 310.

DESN 300
Illustration Techniques
3 Credits Weekly (2-2-0)
Students develop the technical, conceptual and expressive illustration skills to design, prepare and produce illustration work for commercial outcomes. The history, use and trends in hand-rendered and digital illustrative design are also explored as students experiment with a wide range of media and stylistic techniques. Study, practice and assignments focus on the development of illustration concepts and principles of composition.
Prerequisites: DESN 200.

DESN 310
Design Studio III: Concept and Communication
3 Credits Weekly (2-2-0)
With a focus on concept development, students explore communication theory-in-practice. There is a special emphasis on content, context and audience; messages that inform, instruct and persuade; and, the ideation stage of the design process. Students are challenged to stretch their creative capacity and go beyond the common-place in order to conceive, execute and present original solutions to complex design problems.
Prerequisites: ARTE 110, DESN 131, DESN *(*p. 702*)171, DESN 203, DESN 205 and one of ENGL 103, ENGL 104 or ENGL 105.*

DESN 311
Corporate Identity Design and Branding
3 Credits Weekly (2-2-0)
Students explore the principles of product and corporate identity and the visual communication of comprehensive brand experiences through the examination of brand positioning and brand case studies. With an emphasis on design process, students create and execute a range of brand identity programs, developing a consistent and appropriate visual voice for multiple applications.
Prerequisites: DESN 310, DESN 231.

DESN 313
Information Design I
3 Credits Weekly (2-2-0)
Students examine the processes by which information can be organized and presented visually so that it is understandable and useful to the viewer. The design of diagrams, symbols, charts, infographics, and orientation systems are explored with a special emphasis on information analysis, architecture and visualization.
Prerequisites: DESN 231 and DESN 380.

DESN 314
Environmental Graphic Design
3 Credits Weekly (2-2-0)
This studio course introduces students to graphic design principles and practices specific to the design of informational and directional graphics for the built environment. Students engage in a mix of theoretical and practical production activities to develop critical and applied understanding of graphic design for three dimensional application. With an emphasis on wayfinding and place making, students design effective solutions that consider form and user experience as it relates to information, environment and cultural context.
Prerequisites: DESN 310.

DESN 315
Visual Narrative and Storytelling
3 Credits Weekly (2-2-0)
The focus of this course is the exploration of visual narrative forms and their role in visual storytelling. Contemporary visual narrative theories guide student projects as they explore and discuss their effect on storytelling. Students stretch their image-making and design abilities to tell dynamic stories in visual form, while choosing appropriate media, narrative structure, pace, rhythm and sound, in order to elicit an emotion in the viewer.
Prerequisites: DESN 310 and one of DESN 200, DESN 250 or DESN 260.

DESN 316
Branded Environments
3 Credits Weekly (2-2-0)
This course explores brand identity when it is visually and spatially applied to the built environment. Students extend the audience's experience of a brand into three dimensions through the use of visual and sensory cues, including environmental graphics, signage, identity systems and finish materials selection.
Prerequisites: DESN 311.

DESN 317
Publication Design
3 Credits Weekly (2-2-0)
In this advanced course, students examine and compare the anatomy and overall design characteristics of editorial publications, catalogues, and books with a focus on audience, style, format and organization. Students experience the publication process, from initial client meetings to final production. Working alone and in teams, students develop and defend solutions that address the communication needs of these varied publication types, while planning and adhering to industry standards of production workflow.
Prerequisites: DESN 220, DESN 231, DESN 310 and DESN 313.

DESN 318
Advertising Design I
3 Credits Weekly (2-2-0)
In this course students focus on marketing and advertising design principles in the studio environment. Importance is placed on process, analysis, and the development of creative solutions. The advertising message, formats for common ad copy, and production methods are considered as students design several advertising campaigns.
Prerequisites: DESN 311.

DESN 331
Typography III
3 Credits Weekly (2-2-0)
This course provides students with an in-depth study of typography as an essential component of visual communication design. Complex content, grid systems, and advanced typographic systems are put into practice in increasingly sophisticated multi-page publications for a variety of formats and media. These advanced projects include proposal writing, research, documentation of process and findings, and verbal presentation of final work.
Prerequisites: DESN 231.

DESN 340
Web Design & Development I
3 Credits Weekly (2-2-0)
Students expand their website design skill set and user experience design knowledge to code responsive websites using HTML and CSS. They learn how their design decisions are affected by a greater knowledge of the web technology that is used to build their websites. Information architecture is also emphasized, where students must label, structure and prioritize content according to client needs and target audience profiles. Responsive design concepts, processes and techniques are also taught to ensure websites are usable and engaging in a mobile, tablet or desktop environment. Students also learn how to publish their websites on the Internet.
Prerequisites: DESN 240, DESN *(*p. 702*)242 or CMPT 250.*

DESN 342
Digital Experience Design Theory, Methods, and Issues
3 Credits Weekly (2-2-0)
Students learn how to strengthen their interface design decisions by using participatory research and testing methods, interaction and usability theories. Research methods are explored by learning their benefits, context of usage, implementation techniques and data analysis strategies. Informed by the findings of this research, students design a digital product from strategy to high-fidelity visual prototype.
Prerequisites: DESN 240, DESN 242 or CMPT 250.

DESN 344
Interaction Design I
3 Credits Weekly (2-2-0)
Designers wireframe and prototype software applications (apps) and other high interactivity digital products using the latest industry tools. Students learn how to turn a user's needs into product concepts, task flow diagrams, wireframes, and finally high-fidelity prototypes. Interface design patterns and interaction design principles are used to create interactive digital products. Note: Credit can be obtained in only one of DESN 344 OR DESN 241.
Prerequisites: DESN 240, DESN *(*p. 702*)242 or CMPT 250.*

DESN 350
Photo Lighting, Production, and Styling
3 Credits Weekly (2-2-0)
Students explore lighting, production and styling within the context of advertising and editorial photography as an integral component of visual communication in design. Students build upon prior courses to employ creative process and advanced camera techniques in the creation of compelling photographic imagery. Note: Students cannot receive credit in both DESN 350 and DESN 251.
Prerequisites: DESN 250.

DESN 352
Image Manipulation and Post-Production
3 Credits Weekly (2-2-0)
Students use image manipulation and post-production techniques to influence the communicative impact of an image. Industry standard software is used to create, process, and modify images that effectively responds to a creative brief. Note: Students cannot receive credit in both DESN 352 and DESN 252.
Prerequisites: DESN 250.

DESN 361
Motion Graphics II
3 Credits Weekly (2-2-0)
This course examines advanced topics and practices in motion graphic production. Students explore the communicative potential of motion graphics in a project-based and peer-oriented context. There is special emphasis on concept development, asset management and motion branding. Students also explore advanced animation techniques including: compositing, character animation and code driven animation.
Prerequisites: DESN 261.

DESN 380
Design Research
3 Credits Weekly (3-0-0)
This course introduces research methods commonly used by designers within a human-centered approach. Students examine case studies of innovative design solutions and they discuss the challenging psychological, social, political, economic, and environmental contexts of design projects in order to learn how research and design work together. Through the design process students will conduct research using appropriate methods.
Prerequisites: DESN 205 or DESN 242 and one of ENGL 103, ENGL 104 or ENGL 105.

DESN 393
Multi-disciplinary VCD Studio
3 Credits Weekly (2-2-0)
Students from related disciplines (Arts and Cultural Management, Communication Studies, Business, etc.) form teams with design students to work on a project. Each team must identify a problem, complete research about the problem, interview stakeholders and potential audience, identify constraints and opportunities, create communications plans, design mockups for possible solutions, evaluation solutions, and possibly execute the solution based on the mockup evaluations. Students will be expected to manage their own project using project management skills taught in previous courses.
Prerequisites: Minimum grade of B- in DESN 240, DESN 310 and DESN 311.

DESN 395
Internship
3 Credits Total (0-0-290)
Students complete a full-time, eight-week supervised workplace learning experience where they apply and test their design skills and knowledge. The opportunity to establish working relationships and observe the real-world workplace is central to this course as students experience the pace and demands of a design agency, in-house communications shop or related department. Working under the supervision of a professional practicing designer, students apply the skills learned in course work and demonstrate the techniques, methods and problem solving expected of a professional designer.
Prerequisites: Minimum B+ in DESN 290, DESN 310, and DESN 313.

DESN 400
Applied Illustration
3 Credits Weekly (2-2-0)
Students apply techniques and strategies from previous illustration courses to address particular client needs using process and methods that are unique to commercial illustration practice. Importance is placed on conceptual and expressive illustration skills to design, prepare and produce illustration work for commercial outcomes.
Prerequisites: DESN 300.

DESN 410
Design Studio IV: Applied Design Research
3 Credits Weekly (2-2-0)
Students conduct an applied research project that is partially student-driven. This course builds on the literature and learning outcomes from DESN (p. 702)380. Specific attention is given to the approaches and methods used to understand users/audiences in design practice. In this course, students develop a project proposal, select research methods, conduct a study, and propose a design solution based on research findings. Students can use the research completed in DESN 410 as a basis for the project work to be conducted in DESN 415.
Prerequisites: DESN 271, DESN 311 and DESN 380.

DESN 413
Information Design II
3 Credits Weekly (2-2-0)
This course builds upon principles and methodologies introduced and developed in the previous information design course. Emphasis is placed on data visualization and allowing the student to choose an appropriate medium to deliver the end product.
Prerequisites: DESN 313.

DESN 414
Experiential Design
3 Credits Weekly (2-2-0)
This intra-disciplinary studio course focuses on the design of storytelling and multi-sensory experiences for cultural, commercial, and entertainment purposes in public spaces or other environments. Importance is placed on interpretive planning, design for specific audiences, the integration and manipulation of objects, and the communication of complex ideas in the built environment is explored.
Prerequisites: DESN 314.

DESN 415
Design Studio V: Capstone
3 Credits Weekly (2-2-0)
This is a capstone course where students demonstrate proficiency in the different subject areas taught throughout the program. In a self-directed format, students identify a design problem, then plan, research and execute design solutions to meet the required objectives. There is an emphasis on design research and methods, design process, proposal writing, presentation, and quality and appropriateness of end forms.
Prerequisites: DESN 410.

DESN 417
Book Design
3 Credits Weekly (2-2-0)
In this advanced course, students explore traditional, non-traditional, and digital book forms. Students will experience the process of book creation at all stages of development, ending with a final product that will be self-published, either in print or in online formats. There is a special emphasis on format, layout, and typography; concept development; and the adherence to industry standard practices of production.
Prerequisites: DESN 317.

DESN 418
Advertising Design II
3 Credits Weekly (2-2-0)
This course focuses on the development of comprehensive advertising campaigns that incorporate both traditional and non-traditional approaches such as social media and viral and guerrilla marketing to advertising design and communications.
Prerequisites: DESN 318.

DESN 440
Web Design & Development II
3 Credits Weekly (2-2-0)
This is the capstone course for students focusing on website design. All technical skills, usability theories, information architecture concepts and research methods learned in previous courses are combined and put into practice. An emphasis on Content Management Systems (CMS) and HTML/CSS frameworks offers students insight into how the majority of websites are deployed on the internet. NOTE: Student cannot obtain credit in both DESN 440 and DESN 343.
Prerequisites: DESN 340.

DESN 442
Information Architecture
3 Credits Weekly (2-2-0)
This course introduces the student to Information Architecture (IA) principles and methods. Adopting a design approach to IA, students apply principles of human information interactions to assess, design, and organize large websites and other digital information spaces.
Prerequisites: DESN 240, DESN (p. 702)*242 or CMPT 250.*

DESN 443
Multi-disciplinary Digital Experience Design Studio
3 Credits Weekly (2-2-0)
Students from multiple disciplines (digital experience design, computing science, business, etc.) form teams to work on a project. Each team must identify a problem, complete research about the problem, interview stakeholders and potential end-users, identify constraints and opportunities, design prototypes for possible solutions, evaluate prototypes, and build the solution based on the prototype evaluations. Students will be expected to manage their own project using the project management skills taught in previous courses.
Prerequisites: DESN 342 and DESN 344 and consent of the department.

DESN 444
Interaction Design II
3 Credits Weekly (2-2-0)
Building upon skills and methods from Interaction Design I, students learn how to design experiences and interfaces for apps that will be delivered using various form factors: mobile, tablet, desktop, wearable, virtual. Projects are more open-ended and require students to be problem identifiers not just problems solvers, using startup or design entrepreneurship theory and best practices. Note: Students cannot obtain credit in both DESN 444 and DESN 341.
Prerequisites: DESN 344.

DESN 445
Service Design
3 Credits Weekly (2-2-0)
In this course, students take a holistic approach to user experience design (UXD) that goes beyond a single channel or device. They identify and map digital and non-digital touchpoints of a service ecosystem in order to design and orchestrate a seamless experience across multiple channels such as websites, mobile app, social media, wearable device, and built environments.
Prerequisites: DESN 344 and, DESN 342 or DESN 380.

DESN 480
Design Issues Seminar
3 Credits Weekly (3-0-0)
This course challenges students to reflect on some of the major issues facing designers and the design profession. Students develop a broader and deeper understanding of the historical and contemporary context of an issue through research, discussion and presentation. Issues across design disciplines are critically examined through design theory, problems and practice. The specific topics covered in any given year will be selected by the instructor. Note: Students cannot obtain credit in both DESN (p. 702)480 and DESN381.
Prerequisites: DESN 271.

DESN 485
Special Topics in the Design Field
3 Credits Weekly (2-2-0)
This advanced course provides an opportunity of an in-depth study of special topics and current issues in visual communication design. The topic for the course varies year to year and is announced prior to registration. Specific prerequisites for each topic are also specified, and students are advised to check the descriptions prior to requesting permission from the Chair.
Prerequisites: DESN 240, DESN 310 and DESN 380.

DESN 486
Individual Study
3 Credits Total (0-0-15)
This individual study course provides senior students with an opportunity to explore a design topic in greater detail than in any currently offered design courses. The student works in consultation with and under the supervision of a member of the department with the requisite expertise. An individual study course includes directed reading and literature search, and/or field or applied design research. Students may opt to execute a design project proposed through a prior individual study course or Studio. Note: This course may be taken twice for credit. Prior to enrollment, the student must submit a description of a project and obtain signed authorization from a supervising professor.
Prerequisites: 30 credits of DESN *(p. 702) coursework including DESN 380 and consent of department.*

DMWP – Disability Management in the Workplace

DMWP 100
Essential Anatomy and Physiology
3 Credits Weekly (3-0-0)
The structure and function of the normal human body are examined. The respiratory, cardiovascular, gastrointestinal, genitourinary, nervous, reproductive, musculoskeletal, integumentary, lymphatic, hematological, immune/inflammatory, special sense organs and endocrine systems are explored. Terminology particular to description and organization of human anatomy is introduced. Students acquire medical terminology necessary to communicate information in a disability management environment and to understand medical documentation.

DMWP 102
Medical and Pharmaceutical Concepts
3 Credits Weekly (3-0-0)
A wide range of medical and pharmaceutical topics that the disability management practitioner may be exposed to via medical documentation, discussions with healthcare professionals, and the disabled or ill individual are addressed. Basic medical and pharmaceutical terminology are introduced to enable students to read medical reports and engage in conversations related to return to work management. Common diagnostic and clinical procedures pertinent to cardiovascular, respiratory, digestive, genitourinary, reproductive, nervous, musculoskeletal, integumentary and endocrine systems are also examined. Students investigate common pharmaceutical, non-pharmacological, and complementary therapies utilized to treat various common conditions so that they better understand reports and discussions on these topics. Mental health issues, pyschosocial factors, and their impact on the return to work process, are apprised. As a component of the practitioner's role, health and wellness concepts are emphasized in assisting an individual's journey during the return to work process.

DMWP 104
Introduction to Disability Management
3 Credits Weekly (3-0-0)
The concepts, principles, models, and stakeholder roles relevant to the field of disability management are examined. The social, vocational and financial components of a disability management program are identified. The key aspects of a disability management program are presented, as well as industry-based application techniques. Trends and issues within the specialty field are addressed. Students will explore their professional responsibilities, the value of this field, and the growing demand for competent disability management practitioners.

DMWP 110
Ethics and Professionalism in Disability Management
3 Credits Weekly (3-0-0)
Standards of practice for consensus-based disability management are focused upon in this course. Students examine ethics, values and principles related to disability management practice settings. Analysis of various ethical and professional issues of the disability management practitioner is emphasized. Opportunities for professional growth and networking are addressed.
Prerequisites: DMWP 104.

DMWP 112
Health, Social and Legislative Foundations
3 Credits Weekly (3-0-0)
Students examine legislation relevant to the workplace, such as employment standards, privacy legislation, labour relations, human rights, occupational health and safety, workers compensation legislation, and their impact on disability management practices. The evolution of work and the relationship of compensation, benefits, and return to work planning within disability management are addressed. Occupational health and safety issues and trends in the workplace are analyzed. Students identify occupational hazards and lifestyle issues, and discuss their impact on the worker and the disability management program.

DMWP 114
Conflict and Crisis Management in Return To Work
3 Credits Weekly (3-0-0)
Students are introduced to a framework for conflict resolution in disability management. Introduction to an interest-based conflict resolution process guides the learner to assess their personal conflict resolution style and to determine the impact of various communication skills, emotions and grief during conflict and crisis situations. Group productivity and effectiveness are discussed within the context of managing difficult situations. The application of mediation, negotiation, facilitation and interview skills are addressed. Strategies to diffuse volatile situations in relation to the return-to-work process are examined.
Prerequisites: INTD 105.

DMWP 116
Return to Work Management
3 Credits Weekly (3-0-0)
The process to accommodate ill or injured employees is the focus of this course. Students utilize a consensus-based model to develop, implement and evaluate return to work plans or programs for employees (including returning older workers, women and various cultural groups). Cost/benefit analysis, benchmarking, auditing, and the preparation of a business plan for a disability management program are examined. The management of difficult disability cases is explored by students. Also addressed are the roles and responsibilities of case managers. Various models and processes of case management are examined as they apply within return to work coordination and disability management.
Prerequisites: DMWP 104.

DMWP 118
Field Placement
3 Credits Total (15-0-100)
A supervised application of the disability management program concepts occurs in an occupational setting. Through self-determined goals, the student designs and completes a project utilizing the application of disability management theory and practice standards in the delivery of consensus-building disability management. Following a relevant literature review, the student develops a comprehensive return to work plan for an employee of the field placement organization. The student functions as a member of the team, working within legal, ethical, professional, and organizational parameters.
Prerequisites: DMWP 100, DMWP 102, DMWP 110, DMWP 112, DMWP 114, DMWP 116.

DSLC – Disability Studies

DSLC 214
Seminar I
1 Credit Weekly (0-0-1)
Students discuss field placement experiences and have the opportunity to reflect on the application of theory to practice. Grounded in evidence based practice, the importance of professional and ethical conduct within a team structure are explored and developed. Students begin to develop the skills and attitudes of a reflective practitioner. Basic multimedia presentation skills are learned as a means to communicate information. The process of developing professional portfolios is initiated.
Co-requisites: DSLC 215, DSLC 216, DSLC 217, DSLC 218, DSLC 219.

DSLC 215
Field Placement I
2 Credits Total (0-0-120)
In this supervised field placement, students apply and enhance their skills and knowledge in person directed practice, family support, facilitating learning, and advocacy and activism. Students integrate current disability studies theory and research into their practice. Ethical and values based practice are applied and critically analyzed. Students access the expertise of supervisors, peers, families, and individuals they support in order to function as an effective team member.
Co-requisites: DSLC 214, DSLC 216, DSLC 217, DSLC 218, DSLC 219.

DSLC 216
Person Directed Practice
3 Credits Weekly (3-0-0)
Students develop person directed practices that focus on strengths, gifts, relationships, and community connection in supporting people with disabilities to have meaningful lives of their choosing. Students learn to facilitate person directed plans that support positive outcomes for individuals with disabilities. Students select and apply planning approaches that incorporate the practices of inclusion, empowerment, and individualization in the planning process.

DSLC 217
Family Support
3 Credits Weekly (3-0-0)
Theoretical approaches to understanding family systems, considering the psychological, social, and cultural factors affecting families, are discussed. Students explore the importance of the family as it responds to and impacts upon members with disabilities. Approaches to identifying and supporting diverse family strengths and needs are examined and applied to communication, support, and professional boundary issues that may arise when working in family homes.

DSLC 218
Advocacy and Activism
2 Credits Weekly (2-0-0)
Advocacy and social activism are important processes that support people with disabilities in achieving equal citizenship. Personal, cultural, and structural oppression are examined as the means by which people with developmental disabilities are excluded from equal citizenship. Students develop a working knowledge of advocacy and social movement theory, as well as human rights legislation as foundations for empowerment work. Students examine current techniques and approaches in supporting self-advocates who are working within and outside of systems to effect change in order to achieve lives of equality and full inclusion. Students learn to work within a critical ethical framework as they develop their role as an ally.

DSLC 219
Positive Approaches to Learning
3 Credits Weekly (3-0-0)
The shift from person centred to person directed planning is evident in the disability service sector. As part of a self-directed plan, individuals with developmental disabilities are encouraged to identify personal learning goals. Students are introduced to adult development and learning, processes of formal and informal assessment, and interpretation of assessment reports as part of supporting individuals with disabilities to meet their personal learning goals. Teaching strategies that support individual skills development are developed. Methods to evaluate the effectiveness of the teaching strategies are explored.

DSLC 223
Positive Behaviour Support
2 Credits Weekly (2-0-0)
Positive behaviour supports refers to innovative ways of supporting individuals with complex needs so that they can lead lives of belonging and meaning. Students develop creative supports based on a deep understanding of the person and his or her unique challenges, such as the impact of disability, addictions, mental health concerns, conflict with the law, and history of trauma. Students acquire a solid foundation of functional assessment approaches and strategies used in the disability service sector. The knowledge and skills are used as a foundation for students to develop, implement and evaluate positive support plans. Students also learn strategies required to manage critical incident and crisis situations.

DSLC 225
Personal Care and Wellness
3 Credits Weekly (2-2-0)
Students examine practices that promote healthy living and wellness for individuals with developmental disabilities including individuals with complex health needs. Students integrate theory and skills related to health promotion measures that contribute to optimal quality of life in terms of social, emotional, occupational, spiritual, mental, environmental, and physical health across the life span for individuals with developmental disabilities. Students create wellness plans and develop knowledge and skills in nutrition; tube feeding; seating, lifting, carrying and transferring procedures; and wheelchair maintenance. Students are required to demonstrate competencies in medication administration, universal health precautions, feeding, and wheelchair safety and maintenance.

DSLC 226
Approaches to Building Community
3 Credits Weekly (3-0-0)
Students examine the concepts of community building and development, and apply them to the practice of supporting people with disabilities. Students learn how community capacity and strong community connections enable the people they support to live lives of meaning, connection, and contribution.

DSLC 227
Supervision and Organizational Leadership
3 Credits Weekly (3-0-0)
Students examine the importance of strategic planning as a way to guide organizations within the disability service sector. Students explore various theories of management, leadership, and supervision and the skills required to effectively manage teams and organizations, and facilitate organizational change. Strategies to foster diversity and inclusion are also examined along with issues unique to the disability service sector.

DSLC 229
Seminar II
1 Credit Weekly (0-0-1)
Grounded in evidence based practice, professional and ethical conduct within a team structure are demonstrated. Students demonstrate advanced skills and attitudes of a reflective practitioner. Students discuss field placement experiences and have the opportunity to reflect on the application of theory to practice. Students create and present multimedia presentations. Comprehensive professional portfolios are completed and job search processes are practiced.
Prerequisites: DSLC 214, DSLC 215.
Co-requisites: DSLC 223, DSLC 225, DSLC 226, DSLC 227, DSLC 230.

DSLC 230
Field Placement II
3 Credits Total (0-0-180)
In this supervised field placement, students apply and enhance their skills and knowledge in community building, organizational leadership and supervision, providing positive behavioural support, providing personal care and promoting wellness. Students integrate current disability studies theory and research into their practice. Ethical and values based practice are applied and critically analyzed. Students access the expertise of supervisors, practitioners, families and individuals they support in order to function as an effective team member. Students develop their professional identity and focus of future practice.
Prerequisites: DSLC 214, DSLC 215.
Co-requisites: DSLC 223, DSLC 225, DSLC 226, DSLC 227, DSLC 229.

EASC – Earth and Planetary Sciences

EASC 101
Introduction to Physical Science
3 Credits Weekly (3-3-0)
Learn how the Earth formed and evolved through time! We'll explore how minerals and rocks form and change, what causes volcanoes and earthquakes, how faults and folds form, and how plate tectonics affects it all. In the lab, you'll learn how to identify different minerals and rocks, how to interpret topographic and geologic maps, and learn more about geologic time and earthquakes.

EASC 102
Introduction to Environmental Earth Science
3 Credits Weekly (3-3-0)
The Earth is changing in many ways all the time, and right now it's changing rapidly. Learn about different Earth systems such as energy pathways, the atmosphere, the hydrosphere, and the cryosphere and how they all interact with each other and affect climate. In this course, the global energy budget and major energy pathways, the Earth's patterns of weather systems and their impact on temperature, precipitation, moisture and winds are covered. Atmospheric and oceanic circulation systems and their effect on the global environmental system are discussed. Components of the atmosphere and their interactions to create weather and climate are also topics dealt with in this course, including paleoclimates and anthropogenic climate change. The hydrologic cycle and local water balance calculations are examined, extending to discussions on groundwater, river systems and the cryosphere. The description and development of soils and human impact on soils are discussed.

EASC 206
Geology of the Solar System
3 Credits Weekly (3-0-0)
This course demonstrates how information gleaned from both manned and robotic space missions, as well as astromaterials available for direct study, are used to gain an understanding of the geology of our Solar System. Geological processes that were, and continue to be, active in the Solar System are examined with a special emphasis on impact cratering. The similarities and differences in the geology of planets, how these relate to the origin and evolution of the Solar System, and their implications for the search for life are also investigated.
Prerequisites: A minimum grade of C- in EASC 101 or ASTR 120.

EASC 219
Mineralogy
3 Credits Weekly (3-3-0)
This course employs a theory and lab-oriented approach to understanding mineralogy. Topics include mineral origin and formation, classification and crystallography. Hands-on mineral identification will be undertaken in the labs with a focus on major rock forming minerals, such as the silicates. The opportunity to examine rare meteorites in thin section will also be provided. Students will be assigned their own petrographic microscope for use during the term, with an additional lab designed to utilize the Raman spectrometer. A field trip to the Royal Alberta Museum will be conducted during the term.
Prerequisites: Minimum grade of C- in EASC 101.

EASC 221
Introduction to Geographic Information Systems
3 Credits Weekly (3-3-0)
This course provides a theoretical and practical introduction to Geographic Information Systems (GIS) as applied to geologic and environmental sciences. Lectures combine an overview of the general principles of GIS with a theoretical treatment of the nature and analytical use of spatial information. Laboratories impart the technical aspects through hands-on experience with appropriate software.
Prerequisites: A minimum grade of C- in one of EASC 101, EASC 102, or ANTH 206.

EASC 225
Introduction to Geomorphology
3 Credits Weekly (3-3-0)
This course introduces students to geomorphology - the study of landforms and landscape-shaping processes. Fluvial, glacial, periglacial, slope, and aeolian landforms and processes are examined. A special emphasis is placed on Alberta's landscape and the geomorphology of the Late Cenozoic, especially the Quaternary Period. Central to this course is fieldwork in Edmonton's river valley.
Prerequisites: Minimum grades of C- in EASC 101 and EASC 102.

EASC 226
Introduction to Soil Science
3 Credits Weekly (3-3-0)
This course examines the fundamental aspects of soil formation and soil occurrence in natural landscapes. Physical, chemical, mineralogical, and biological properties of soils are emphasized, and how these properties relate to plant growth and environmental quality. Identification of soils is practiced and estimates of their performances in both natural and agricultural ecosystems are analyzed. Note: A 100-level chemistry course is strongly recommended.
Prerequisites: Minimum grade of C- in EASC 100, EASC 101, EASC 102 or ANTH 206.

EASC 230
Invertebrate Paleontology
3 Credits Weekly (3-3-0)
This course addresses principles and problems associated with paleontology in areas such as origin of life, evolution, mass extinction, paleoecology, functional morphology, biogeography and biostratigraphy. There is a systematic coverage of invertebrate fossils, including microfossils, Porifera, Cnidaria, Brachiopoda, Bryozoa, Mollusca, Echinodermata, and Arthropoda. Labs promote recognition of fossils and their attributes.
Prerequisites: Minimum grade of C- in EASC 101 or EASC 103.

EASC 238
Geology of Natural Resources
3 Credits Weekly (3-0-0)
This course consists of the geological study of the major types of economically important metallic and nonmetallic ore minerals and energy resources. Basic processes which form and concentrate these materials in the Earth are examined. Various methods of exploration and mining of the resources are detailed. Alberta's coal and petroleum resources are emphasized. Environmental effects of the production and use of mineral and energy resources are discussed.
Prerequisites: Minimum grade of C- in EASC 101.

EASC 240
Sedimentology and Stratigraphy
3 Credits Weekly (3-3-0)
Focusing on the production, transport, and deposition of sediment, this course explores sedimentary depositional environments, processes, controls, and structures. The course further examines stratigraphic relationships between sediments (including litho-, bio-, chemo-, and chrono-stratigraphic approaches), and facies analysis – the examination and interpretation of sedimentary characteristics that reflect specific environmental conditions under which a given material was deposited or formed. Course topics include the environmental controls on sediment generation, transport, and deposition; properties and classification of clastic, carbonate and evaporitic sediments and rocks; sequence stratigraphy, correlation, and facies analysis; tectonic development of sedimentary basins; hydrocarbon formation and generation; and the interface between sedimentary processes and environmental contamination and rehabilitation. The subsurface characterization of the Western Canada Sedimentary Basin will be introduced as part of this course. In laboratory sections, students will identify characteristics of common sedimentary facies, describe and classify sedimentary rocks in hand specimen, map and correlate sedimentary units, and create stratigraphic sections.
Prerequisites: Minimum grade of C- in EASC 101 and in EASC 102.

EASC 270
The Atmosphere
3 Credits Weekly (3-0-0)
This course provides an introduction to atmospheric science, weather, and climate. Topics include the composition and vertical structure of the atmosphere, humidity and clouds, atmospheric dynamics, circulation, weather systems, weather forecasting and maps, atmospheric boundary layer, and climate dynamics. Training for reading and interpreting weather maps, and modeling atmospheric processes is provided. Note: MATH 114 is recommended.
Prerequisites: A minimum grade of C- in any 100-level EASC *(*p. 709*),* CHEM *(*p. 680*), or* PHYS *(*p. 810*), or in either BIOL 107 or BIOL 108.*

EASC 271
The Oceans
3 Credits Weekly (3-3-0)
Covering nearly three quarters of the Earth's surface, the oceans play a fundamental role in the Earth system. This course provides an overview of the discipline of oceanography, as well as highlighting the importance of the oceans within a global context. The course examines the physical, chemical, biological, and geological properties of the oceans. Topics include the origins of the oceans, the physical and chemical properties of seawater, water mass structure and chemistry, the physical structure of ocean basins and marine provinces, ocean circulation, wave and tide dynamics, ocean sediments and sedimentary records, biological oceanography and primary productivity, and the role of, and consequences for, the oceans in a changing climate. Furthermore, relevant methods in oceanographic research and data analysis are discussed and applied within the laboratory component of this course. Emphasis is placed on the interdisciplinarity of oceanography, alongside the linkages of the oceans to other spheres of planet Earth, including the atmosphere, biosphere, hydrosphere, and cryosphere. EASC 271 includes an optional field trip to a coastal area.
Prerequisites: A minimum grade of C- in either EASC 102 or EASC 103.

EASC 320
Introduction to Geochemistry
3 Credits Weekly (3-3-0)
This course provides an introduction to the interdisciplinary science of geochemistry. The first part of the course examines our home planet from a geochemical perspective and includes formation of the Earth and our solar system, the origin of the elements and their distribution within the Earth, and evolution of the crust, mantle and core. An introduction to the essential geochemical tools of thermodynamics and kinetics, isotope geochemistry and trace element geochemistry is also provided. The second part of the course examines the geochemistry of igneous, sedimentary and metamorphic rocks and covers topics as diverse as the melting and crystallization of rocks to the contamination of our water supplies and the stability of carbonates in our oceans. Note: Credit can only be obtained in one of EASC 320 or CHEM 320.
Prerequisites: Minimum grades of C- in a 200-level EASC *(*p. 709*) course and a 200-level* CHEM *(*p. 680*) course.*

EASC 321
Structural Geology and Tectonics
3 Credits Weekly (3-3-0)
The globe has been shaped by enormous forces that have created mountains and oceans and destroyed continents. In this course, students will learn to interpret geologic maps and cross sections, calculate the stress and strain involved in creating faults, folds, and joints, as well as those involved in orogenies, rift formation, and other crustal tectonics.
Prerequisites: Minimum grades of C- in one of EASC 225 or EASC 240 and in one of PHYS 124 or PHYS 144.

EASC 322
Introduction to Biogeochemistry
3 Credits Weekly (3-3-0)
Biogeochemistry is the study of the chemical, physical, geological, and biological processes and reactions that govern planet Earth. This course provides an introduction to the discipline, focusing on the exchange of energy and elements between the biosphere and the geosphere. The fundamental components of the Earth's system are examined, including the atmosphere, hydrosphere, biosphere, and geosphere, alongside their evolutionary histories and linkages. Topics include the principle biogeochemical cycles, such as the carbon, sulfur, and nitrogen cycles, and their histories. These cycles are assessed in the context of recent environmental and climate change driven by anthropogenic activities. This course incorporates a multitude of disciplines, spanning geology, chemistry, biology, and environmental science. Note: Credit cannot be obtained in both CHEM 322 and EASC 322.
Prerequisites: Minimum grades of C- in a 200-level EASC *(*p. 709*) course and a 200-level* CHEM *(*p. 680*) course.*

EASC 324
Quaternary Environments
3 Credits Weekly (3-3-0)
This course offers an introduction to the Quaternary Period. It provides a broader context for studying modern environmental phenomena and delivers an overview of the key techniques and proxies used in reconstructing Quaternary environmental histories. The course situates the Quaternary within a broad history of Earth's climate, discussing Quaternary glaciations and conditions during and since the last Ice Age in detail. This course also reviews the methodologies used to reconstruct past conditions, focusing on how these methods are used as windows into the past. The course concludes with the detailed examination of several Canadian case studies using the latest research and environmental reconstructions, such as (but not restricted to) the glaciation and deglaciation of Alberta; Quaternary environmental change in the Canadian Arctic Archipelago; and the paleoenvironments of Beringia. The laboratory classes give hands-on experience with basic environmental reconstruction methodologies.
Prerequisites: Minimum grade of C- in one of EASC 208, EASC 225 or ANTH 206.

EASC 330
Igneous, Sedimentary, and Metamorphic Petrology
3 Credits Weekly (3-3-0)
This course highlights Earth's chemistry, the chemistry of minerals, the chemistry of rocks in different environments, and physical processes in the context of mineral stability and different rock chemistry. There are three main regimes in which rocks form: igneous (from a molten rock material that originated in the interior of the Earth), sedimentary (from weathering of rocks on the Earth's surface and lithification of loose sediment), and metamorphic (when rocks get exposed to different temperature/pressure regimes within the Earth). Hands-on laboratory exercises provide professional skills for complete mineral and rock identification, and interpretation of rock textures using hand lens, petrographic microscope, and chemical analyses.
Prerequisites: A minimum grade of C- in EASC 219.

EASC 334
Remote Sensing
3 Credits Weekly (3-3-0)
Satellite imagery is being used more and more frequently to assess everything from oil spills to fire hazards, from mining potential to archaeology, from water on Mars to methane lakes on Titan. In this course, students learn to analyze and interpret images from several different satellite and airborne instruments for applications in geology, environmental studies, urban planning, mining, archaeology, forestry, and planetary science.
Prerequisites: A minimum grade of C- in EASC 221, EASC 225, or ANTH 206.

EASC 373
Anthropogenic Climate Change
3 Credits Weekly (3-0-0)
This course provides an advanced examination of the natural physical processes that have driven the global climate system in the past and present. It focuses in particular on how humans are interfering with the climate system and the potential future consequences. It further provides an introduction to simple on-line computer models of the climate system.
Prerequisites: Minimum grade of C- in EASC 208 or EASC 270.

EASC 375
Paleoclimatology
3 Credits Weekly (3-0-0)
This course provides an extensive overview of the methods used in paleoclimate research and an in-depth examination of important climate events since the Late Proterozoic, with a concentration on the Late Mesozoic and Cenozoic. Aspects of creating paleoclimate reconstructions, climate effects on geological and biological processes, and the modeling of present climate and extrapolation to past and future climates are emphasized.
Prerequisites: A minimum grade of C- in EASC 324, or in both EASC 270 and one of EASC 101, EASC 103, or EASC 208.

EASC 398
Independent Study
3 Credits Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum of one 200-level course in EASC *(*p. 709*) and permission of the department; faculty mentors may require specific prerequisites according to the project needs.*

EASC 406
Planetary Materials
3 Credits Weekly (3-0-0)
A fundamental goal of planetary science is to understand the timing and process by which our solar system formed and evolved. Planetary materials - meteorites, interplanetary dust particles and returned sample missions including Apollo, Hayabusa and Stardust - provide us with tangible samples from the vast reaches of our solar system from which high-precision analytical measurements can be made. In this course, we will explore the earth's current inventory of planetary materials, with a focus on their mineralogy, petrology and geochemistry, with the goal of gaining insights derived from their study.
Prerequisites: Minimum grade of C- in EASC 219 and EASC 206 and a B- in any 300-level EASC *(*p. 709*) course, or a minimum grade of B- in EASC 320.*

EASC 409
Geology of Western Canada
3 Credits Weekly (3-0-0)
This course presents an overview of the geology in Western Canada. This course will cover the rich history of marine life, mountain building, vast river networks, and glaciation that has shaped the western landscapes. Geological processes of mountain building and past and present landscape evolution are emphasized. In addition, the economic resources that formed as a result of these geologic processes will be addressed. Important paleontological sites will be described and their history outlined. The National Parks within Western Canada will be examined in context of their geology and formation, describing why they are important regions to conserve. Students can only receive credit for one of EASC 209 and EASC 409.
Prerequisites: Minimum grades of C- in each of EASC 219, EASC 240, and EASC 321, or consent of the department.

EASC 495
Special Topics
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics in Earth and Planetary Science. Topics covered vary with the interests of students and faculty. Students should consult with faculty members in the Earth and Planetary Science area for details regarding current offerings. Note: This course is intended for students in the final year of their degree. This course may be taken twice for credit.
Prerequisites: Minimum grade of B- in a 300-level EASC *(*p. 709*) course and permission of the department.*

EASC 498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of B- in a 300-level EASC *(*p. 709*) course and permission of the department; faculty mentors may require specific prerequisites according to the project needs.*

ECCS – Early Childhood Curriculum Studies

ECCS 101
Healthy Environments for Early Childhood
3 Credits Weekly (3-0-0)
In this introductory course, students explore the components of quality early childhood settings. Attention is paid to relevant legislation, regulation, standards and appropriate practices in environments for young children. Selected types of early learning programs are reviewed. The role of the early childhood educator in creating healthy safe environments for children and their families is discussed. Students reflect on the personal attributes of the early childhood professional.

ECCS 102
Languages of Expression: Well-Being
3 Credits Total (45-10-0)
In this curriculum course, students explore creativity in early childhood. They select, plan and implement creative experiences to support the development of literacy, art, music and dramatic play. The role of the educator as a co-learner is introduced when planning children's play with art and sensory materials. Resources and diverse materials used to support languages of expression and to foster children's well-being in early childhood settings are examined.

ECCS 110
Child Development I: Current and Emerging Theories
3 Credits Weekly (3-0-0)
This course provides students with a basic understanding of the growth and development of children. The focus is on developing a sensitivity to children and the world in which they live, based on historical and current perspectives and emerging child development theories for understanding the study of children. The impact of diversity, culture and lifestyle on child rearing and identity formation is discussed. Students use techniques for observing children's behaviours and documenting developmental outcomes. Note: Students can receive credit for only one of ECDV 110 and ECCS 110.

ECCS 115
Communication within a Practice of Relationships
3 Credits Weekly (3-0-0)
This communications course introduces a theoretical base to support students' personal and professional development. Focus is on identity formation as influenced by socialization processes and the socio-cultural context of children, families and educators. An introduction to team processes with a view to developing communication skills for nurturing positive interactions with colleagues is considered. The image of the child is examined and emphasis is placed on developing safe, supportive verbal and emotional environments for positive interactions with children and families - the basis of reciprocal and responsive relationships.

ECCS 120
Field Placement I: Well Being
3 Credits Total (0-0-200)
This is the first of four field placement courses designed to support the student's progressive development of applied skills in practice. Field placement provides students with the opportunity to blend theory from classes with practice in early childhood settings. Students are mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. The focus of this first field placement is children's well-being, one of the four holistic play based goals as described in Alberta's Early Learning and Care Framework. Students will develop beginning skills in planning, and begin to demonstrate professional attitudes by being responsible, cooperative and thoughtful.
Prerequisites: ECCS 101, ECCS 102, ECCS 110 and ECCS 115.
Co-requisites: ECCS 125.

ECCS 125
Integration Seminar I - Well-Being
1 Credit Weekly (0-0-1)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term I is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. Seminar discussions and assignments provide an opportunity to discuss issues and explore topics in early learning and care.
Prerequisites: ECCS 101, ECCS 102, ECCS 110, ECCS 115.
Co-requisites: ECCS 120.

ECCS 155
Curriculum II: Languages of Play
3 Credits Total (45-10-0)
In this curriculum course, students explore the nature and development of play in the lives of children. Students learn how to research, organize and prepare meaningful and aesthetic play experiences and play spaces to enhance care, learning and development for children. Through active exploration, students gain a personal appreciation of the value and functions of play, an understanding of the importance of organization and presentation of materials for play, and their role as educators.
Prerequisites: ECCS 101, ECCS 102, ECCS 110, ECCS 115, ECCS 120, ECCS 125, or consent of the department.

ECCS 160
Child Development II: Growth and Development of Young Children
3 Credits Weekly (3-0-0)
Building upon ECCS 110, this course provides students with a basic understanding of the growth and development of children. The focus is on recognizing typical milestones across all developmental domains, and building on theories of child development presented in ECCS 110. Observation techniques used to document children's development are discussed and used to make recommendations for play and curriculum planning. Students discuss how diversity and cultural values impact child rearing practices.
Prerequisites: ECCS 120, ECCS 125 plus Minimum grade of C in ECCS 110.

ECCS 170
Field Placement II: Play and Playfulness
3 Credits Total (0-0-200)
This is the second of four field placement courses designed to support the student's progressive development of applied skills in practice. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. The focus of this second field placement is Play and Playfulness, one of the four holistic play based goals as described in Alberta's Early Learning and Care framework. Students will plan safe and interest-based play experiences for individual children and groups of children while continuing to develop skills for observing children and a sensitive approach for supporting families.
Prerequisites: ECCS 155, ECCS 160, ECCS 180, plus a minimum grade of C in ECCS 120 and ECCS 125.
Co-requisites: ECCS 175.

ECCS 175
Integration Seminar II: Play and Playfulness
1 Credit Weekly (0-0-1)
This course provides an opportunity to reflect with peers on professional practice in early learning settings under the guidance of an instructor. Field placement issues are discussed and class learning in Term II is integrated with practical field experiences. Seminar focuses on recognized early learning and care practices across a broad range of early childhood programs. Seminar discussions and assignments provide an opportunity to discuss issues and explore topics in early learning and care.
Prerequisites: ECCS 155, ECCS 160, and ECCS 180 plus a minimum grade of C in ECCS 120 and ECCS 125.
Co-requisites: ECCS 170.

ECCS 180
Family-Centred Practice
3 Credits Weekly (3-0-0)
Students learn to understand and support the diverse range of families. Beginning with their own family experiences, students are encouraged to explore their image of the family, for understanding the diversity of family structures, values, beliefs, lifestyles and needs. Students will also examine the role of the educator in creating a sense of belonging for families through a practice of relationships. The course draws on knowledge and theories of family systems, processes, stages and communication. Students will develop strategies and resources to support a variety of families in early childhood settings.
Prerequisites: ECCS 101, ECCS 102, ECCS 110, ECCS 115, ECCS 120, and ECCS 125.

ECCS 201
Languages of Exploration: Curriculum for Communication and Literacies
3 Credits Total (45-10-0)
This curriculum course introduces the principles of constructivism, emergent curriculum and holistic planning, and the co-inquiry process. Students gain an understanding of, and practice in using a planning cycle for play-based early learning experiences that integrates numeracy, science and drama/dance and are introduced to multi-modal literacies. Students are also introduced to pedagogical documentation as a way to make children's learning visible.
Prerequisites: ECCS 155, ECCS 170, and ECCS 175.

ECCS 202
Expressions of Citizenship: Curriculum for Diversity and Social Responsibility
3 Credits Weekly (3-0-0)
This curriculum course focuses on planning, preparing and interacting in early learning environments that foster citizenship, democratic practice, diversity and inclusion in early childhood. Planning considerations for infant/toddlers and school-age children, using the co-inquiry model, will be explored as well as integrating social studies, music, and story into an early learning curriculum. The role of free play, both indoors and outdoors, in early learning settings will also be examined.
Prerequisites: ECCS 201.

ECCS 220
Field Placement III: Communication and Literacy
3 Credits Total (0-0-200)
This is the third of four field placement courses designed to support the student's progressive development of applied skills in practice. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. The focus of the third field placement is communication and literacies, one of the four holistic play based goals as described in Alberta's Early Learning and Care framework. Students will take on an increased responsibility for the daily functioning of the program. Students will also continue to develop relationships with families and demonstrate effective communication skills and guidance strategies with young children.
Prerequisites: ECCS 201, ECCS 260 and ECCS 265 plus a minimum grade of C in ECCS 170 and ECCS 175.
Co-requisites: ECCS 225.

ECCS 225
Integration Seminar III: Communication and Literacy
1 Credit Weekly (0-0-1)
This course provides an opportunity to reflect with peers on professional practice in early learning settings under the guidance of an instructor. Field placement issues are discussed and class learning in Term III is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs with a particular focus on communicative practices, multimodal literacies and literate identities within early learning communities It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar discussions and assignments provide an opportunity to discuss issues and explore topics in early learning and care.
Prerequisites: ECCS 201, ECCS 260 and ECCS 265 plus a minimum grade of C in ECCS 170 and ECCS 175.
Co-requisites: ECCS 220.

ECCS 250
Foundations of Early Childhood
3 Credits Weekly (3-0-0)
Students look at current issues in the field of early childhood development from the view of a reflective educator. The course focuses on selected historical philosophers and educators who have shaped present early childhood theory, practice, materials/equipment, and who raised issues still relevant. Contemporary models of early childhood programs and the role of research are examined. Students consider professional ethics and apply it to their practice with families and children. Professional resources, opportunities for further education and professional associations are presented.
Prerequisites: ECCS 220, ECCS 225.

ECCS 255
Inclusive Environments and Practice in Early Childhood
3 Credits Weekly (3-0-0)
This course extends the principles of Child Development I and II providing students with opportunities to identify and examine the needs of children in relation to inclusive principles and practices. Students will examine advocacy in the context of identifying and providing supports, including individualized plans and specialists, to children in the early learning environment. Students explore a range of early learning assessment and screening tools, techniques and practices with a focus on learning stories.
Prerequisites: ECCS 160.

ECCS 260
Family and Community Issues
3 Credits Weekly (3-0-0)
This course looks at the family from a societal perspective, with the intention of deepening participants' understanding of the families with whom they will be working and their awareness of issues concerning families. The focus is on the ecology of the family with particular emphasis on family policy, economic issues, the social safety net, power and violence, gender issues, children's rights/parent's rights and advocacy. Capacity building and strengths based approaches are presented as strategies to support families and develop resiliency.
Prerequisites: ECCS 180.

ECCS 265
Supporting Social and Emotional Well-Being within a Practice of Relationships
3 Credits Weekly (3-0-0)
This communications course supports students' personal and professional development. Recognizing children as citizens and respecting and honouring children's behaviour as a means of communicating, educators learn principles, skills and strategies to support young children's social and emotional well-being. There is focus on guiding children's behaviour in responsive and supportive ways. Knowledge of child development assists students in understanding the importance of fostering a child's strong sense of self and identity. Students have opportunities to apply communication principles, skills and strategies that support relationships with children.
Prerequisites: ECCS 110,ECCS 115, ECCS 160, ECCS 170, and ECCS 175.

ECCS 270
Field Placement IV: Diversity and Social Responsibility
3 Credits Total (0-0-200)
This is the fourth of four field placement courses designed to support the student's progressive development of skills. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. The focus of this final field placement is diversity and social responsibility, one of the four holistic play based goals as described in Alberta's Early Learning and Care framework. In this final field placement, students will apply early childhood practice and theory to support children's care, play, learning and development and will demonstrate a commitment to professional growth.
Prerequisites: ECCS 202, ECCS 250, ECCS 255, plus a minimum grade of C in ECCS 220 and ECCS 225.
Co-requisites: ECCS 275.

ECCS 275
Integration Seminar IV: Diversity and Social Responsibility
1 Credit Weekly (0-0-1)
This course provides an opportunity to reflect with peers on professional practice in early learning settings under the guidance of an instructor. Students bring experience in different field placement settings to group discussion in seminar. Field placement issues are discussed and class learning in Term IV is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. Seminar discussions and assignments provide an opportunity to discuss issues and explore topics in early learning and care and in particular, to consider inclusion, equity, democratic practices and sustainable futures.
Prerequisites: ECCS 202, ECCS 250, ECCS 255, plus a minimum grade of C in ECCS 220 and ECCS 225.
Co-requisites: ECCS 270.

ECCS 301
Designing Emerging Curriculum
3 Credits Weekly (3-0-0)
In this course, students will learn and practice designing a localized holistic, play-based, emerging, early childhood curriculum. Students will further their understanding of pedagogical documentation and the co-inquiry process of observation and documentation, reflection and interpretation, planning and taking action.
Prerequisites: ECCS 202 or with consent of the department.

ECCS 302
Landscapes for Learning
3 Credits Weekly (3-0-0)
In this curriculum course, students will continue to theorize early childhood practice through a constructivist and socio-cultural lens applying the values, principles, concepts, goals and dispositions of Alberta's Early Learning and Care Framework. Integrating the various domains of learning and subject content areas, students will explore a broad range of literacy practices deepening their understanding of multimodal literacies and how literacies develop in early childhood.
Prerequisites: ECCS 301.

ECCS 310
Images of Children in Society
3 Credits Weekly (3-0-0)
Every society, culture, and family imagines children and childhood in its own way. In Alberta's Early Learning and Care framework the image of a child is strong, resourceful, capable - a mighty learner and citizen. In this course students will explore societal images of children and childhood across time, place and culture and how these images influence early childhood education, practice, curriculum, and policy.
Prerequisites: ECCS 250 or with consent of the department.

ECCS 355
Inclusion and Equity in Early Childhood
3 Credits Weekly (3-0-0)
In this course, students will explore inclusion and equity in early childhood with a socio-cultural lens and in relation to their practice as early childhood educators. Topics of discussion will include barriers to inclusion, cultivating belonging, reframing assessment, proactive systems of support, gender issues, social justice, and critical reflection.
Prerequisites: ECCS 255 or with consent of the department.

ECCS 360
Families in Global Context
3 Credits Weekly (3-0-0)
This course examines variations of the family from a global perspective through a socio-cultural lens. Students will engage in a cross-cultural consideration of the ecology of the family with particular emphasis on race, ethnicity and culture, Canada's Indigenous people, individualistic vs. collectivist approaches, immigration, refugees and settlement in the context of globalization.
Prerequisites: ECCS 260 or with consent of the department.

ECCS 380
Working in Professional Teams within a Practice of Relationships
3 Credits Weekly (3-0-0)
This course is designed to support professional communication principles, skills, and strategies. Students gain a deeper understanding of the nature of professional teams and the skills required for successful practice in teams. Context based learning assists the student to apply theory, and develop skills and strategies in working with families and in interdisciplinary and workplace teams. A focus on values, ethics and diversity in the field of early childhood guides discussion.
Prerequisites: ECCS 270, ECCS 275, Minimum grade of C in INTD 105, ECCS 265 or with consent of the department.

ECCS 401
Theories of Curriculum in Early Childhood
3 Credits Weekly (3-0-0)
Building on previous curriculum courses, this course emphasizes theories and curriculum models for early childhood. Historical models and how notions of curriculum have changed over time with respect to theories of early learning will be explored. Reflective practice extends the understanding of the educator's role in curriculum planning for early learning based on current critical theoretical perspectives and a co-inquiry model.
Prerequisites: ECCS 302.

ECCS 402
Leadership through Pedagogical Documentation
3 Credits Weekly (3-0-0)
Building on the previous early childhood curriculum courses, students in this course exercise critical reflection of early childhood theories and approaches. Students will also deepen their understanding of pedagogical documentation for making learning visible, for growing curriculum, and for growing one's own professional practice. Through this course, students will practice using their pedagogical voices and facilitate curriculum conversations in pursuit of further developing pedagogical leadership competencies.
Prerequisites: ECCS 401 and ECCS 415.

ECCS 410
Understanding Research in Early Childhood
3 Credits Weekly (3-0-0)
In this course, students will examine and apply research methodologies used in understanding early childhood. Students will read, evaluate, and organize information/data from discipline-specific research and will complete a literature review on a topic related to the students' capstone project. Particular attention will be paid to practice-based research models, principles, and ethics especially related to research with children and families in educational settings.
Prerequisites: HSAD 325.

ECCS 415
Pedagogical Leadership
3 Credits Weekly (3-0-0)
This course is an introduction to pedagogical leadership and what it means to lead educators and guide practice in the field of early childhood. Students will examine leadership, organizational, and management theories and models in relation to pedagogical leadership. Examples of pedagogical leadership and communities of practice will be introduced. Themes of advocacy and change will also be explored.
Prerequisites: ECCS 380.

ECCS 425
Advanced Practice in Early Learning and Indigenous Families
3 Credits Weekly (3-0-0)
In this course, students explore how the field of early childhood might support the well-being of Indigenous children and their families, communities, and nations. Students recognize the complex social and environmental factors influencing the lives of children and families and consider how historical and contemporary expressions of colonialism add to the complexities for Indigenous children and families. Throughout the course, students enhance their awareness and investigate how their values, beliefs, and experiences impact their direct and indirect practice with Indigenous children and families.
Prerequisites: ECCS 360 and INTD 250.

ECCS 440
Professional Practices: Ethics, Caring and Social Activism
3 Credits Weekly (3-0-0)
In this course students will explore questions such as: What does caring work entail? What is an ethic of care? What does ethical practice look like when one regularly makes contextually-based decisions for children and families? What does it mean to be professional in the field of early childhood? How does one advance social justice for young children and their families and influence public policy?.
Prerequisites: ECCS 415.

ECCS 450
Capstone Course in Research and Practice
3 Credits Weekly (0-0-3)
Building upon ECCS 410 and in conjunction with ECCS 455, this seminar supports students' capstone project, a research project in the field of early childhood. Students will receive guidance and support from a faculty and will receive critical feedback on their project. Guest presenters will share their discipline-specific research. Upon completion, students will showcase their capstone projects.
Prerequisites: ECCS 410.
Co-requisites: ECCS 455.

ECCS 455
Senior Internship in Research, Policy, and Practice
3 Credits Total (0-0-150)
This course provides students with the opportunity to use theory to inform their practice in early childhood settings. Senior internship placements will provide experiences in early childhood policy, leadership, and/or research. Students are mentored by a university faculty member. They may practice pedagogical mentorship with junior-level students or in partnering organizations.
Prerequisites: ECCS 270 and ECCS 275 (or consent of the department), ECCS 401 and ECCS 415.
Co-requisites: ECCS 450.

ECDV – Early Learning & Child Care

ECDV 101
Healthy Environments for Early Learning and Care
3 Credits Weekly (3-0-0)
In this introductory course, students explore the components of quality early childhood settings. Attention is paid to relevant legislation, regulation, standards and appropriate practices in environments for young children. Selected types of programs for early learning and care are examined. The role of the early childhood educator in creating healthy safe environments for children and their families is discussed. Students reflect on the personal attributes of the early childhood professional.

ECDV 102
Curriculum I: Creative Expression in Early Learning and Care
3 Credits Total (45-10-0)
Students explore the creative curriculum in programs for early learning and care. They select, plan and implement creative experiences to support the development of literacy, numeracy/math, art, music and dramatic play. Age and developmentally appropriate curriculum and planning concepts including planning for child centred play experience are introduced. The importance of aesthetics in an early learning environment is introduced. The early learning teacher's role and the child's role in curriculum development are explored. Students collect and use resources to support the creative curriculum in early childhood settings.

ECDV 110
Child Development I
3 Credits Weekly (3-0-0)
In conjunction with ECDV 160, this course provides the students a basic understanding of the growth and development of young children. The focus is on developing a sensitivity to children and the world in which they live, based on historical and current perspectives. Course content includes current and emergent theories and their influence on creating a developmental framework for understanding the study of children. The impact of diversity, culture and lifestyle on child rearing and identity formation is discussed. Students use techniques for observing children's behaviours and documenting developmental outcomes.

ECDV 115
Communications I: Interpersonal Competencies
2 Credits Weekly (2-0-0)
This is the first of three courses in an integrated communications stream that support students' personal and professional development. Focus is on identity information as affected by socialization processes, diversity issues and the role of culture for children and adults. An introduction to developing team concepts and team processes with a view to developing skills in nurturing positive interactions is considered. An emphasis is placed on developing safe, supportive verbal and emotional environments for successful learning for children and adults. A theoretical base for communication is introduced.

ECDV 120
Field Placement I
3 Credits Total (0-0-200)
This is the first of four field placement courses designed to support the student's progressive development of skills. Field placement provides students with the opportunity to blend theory from classes with practice in early childhood settings. Students are mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. The focus in this first field placement is on focused observation of, and thoughtful interaction in, children's play and learning; on developing beginning skills in planning, and on demonstrating professional attitudes by being responsible, cooperative and thoughtful.
Prerequisites: ECDV 101, ECDV 102, ECDV 110 and ECDV 115.
Co-requisites: ECDV 125.

ECDV 125
Integration Seminar I
1 Credit Weekly (0-0-1)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term I is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.
Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115.
Co-requisites: ECDV 120.

ECDV 155
Curriculum II: Learning Through Play
3 Credits Total (45-10-0)
In this course, students explore the nature and development of play in the lives of children. Students learn how to research, organize and prepare meaningful and aesthetic play experiences and play spaces to enhance learning and development in early learning and care settings. Through active exploration, students gain a personal appreciation of the value and functions of play, an understanding of the importance of organization and presentation of materials for play, and their role as adult facilitators. A primary focus is working with preschool children.
Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125, and ENGL 111 or consent of the department.

ECDV 160
Child Development II
3 Credits Weekly (3-0-0)
In conjunction with ECDV 110, the course provides students with a basic understanding of the growth and development of young children. The focus is on recognizing typical milestones across all developmental domains, and building on theories of child development presented in ECDV 110. Diversity issues are discussed. Observation techniques are used to document children's development and to make recommendations for programming. Students discuss how cultural values impact child rearing practices. The effects of abuse and resilience in development are discussed.
Prerequisites: ECDV 101, ECDV 102, ECDV 115, ECDV 120, ECDV 125 plus Minimum grade of C in ECDV 110.

ECDV 165
Communications II: A Constructivist Approach to Child Guidance
3 Credits Weekly (3-0-0)
This is the second of three courses in an integrated communications stream that support students' personal and professional development. There is focus on developing skills and strategies for guiding children's behaviour in developmentally responsive and supportive ways. Knowledge of child development assists students to understand the issues and techniques presented, and the importance of fostering a strong sense of self and identity. The difference between discipline and guidance is discussed. Students have opportunities to practice communication and guidance skills that support positive interactions with children. Strategies for supporting children with challenging behaviours are introduced.
Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125.
Co-requisites: ECDV 160.

ECDV 170
Field Placement II
3 Credits Total (0-0-200)
This is the second of four field placement courses designed to support the student's progressive development of skills. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this field placement, students begin to demonstrate effective communication skills and guidance strategies with young children, and continue to develop skills for observing children and planning for safe and interest based play experiences to meet individual and group needs.
Prerequisites: ECDV 155, ECDV 160, ECDV 165 and ECDV 210, plus a minimum grade of C in ECDV 120 and ECDV 125.
Co-requisites: ECDV 175.

ECDV 175
Integration Seminar II
1 Credit Weekly (0-0-1)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term II is integrated with practical field experiences. Seminar focuses on recognized early learning and care practices across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.
Prerequisites: ECDV 155, ECDV 160, ECDV 165 and ECDV 210 plus a minimum grade of C in ECDV 120 and ECDV 125.
Co-requisites: ECDV 170.

ECDV 201
Curriculum III: Planning for Early Learning and Care
3 Credits Total (45-10-0)
This course focuses on the principles of constructivism, emergent curriculum and inclusive planning in early learning and care environments. Students gain an understanding of, and practice in using a planning cycle for play-based early learning experiences that integrate literacy, numeracy, social studies, science and fine arts. Students document children's learning. Collection and use of resources for planning are emphasized.
Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175 and ECDV 210.

ECDV 210
Family-Centered Practice
2 Credits Weekly (2-0-0)
Students learn to understand and support the diverse range of families. Students are encouraged to explore their own family experience as a starting point for understanding the diversity of family values, beliefs, lifestyles and needs. The course draws on theory in family dynamics, family systems and communications.
Prerequisites: ECDV 101, ECDV 102, ECDV 110, ECDV 115, ECDV 120, ECDV 125 and ENGL 111.

ECDV 220
Field Placement III
3 Credits Total (0-0-200)
This is the third of four field placement courses designed to support the student's progressive development of skills. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this field placement, students focus on developing relationships with families, increased responsibility for the daily functioning of the program including more in-depth planning and observation skills, and demonstrate a commitment to professional growth.
Prerequisites: ECDV 201, ECDV 230, ECDV 260 and ECDV 280 plus a minimum grade of C in ECDV 170 and ECDV 175.
Co-requisites: ECDV 225.

ECDV 225
Integration Seminar III
1 Credit Weekly (0-0-1)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Field placement issues are discussed and class learning in Term III is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care. Seminar engages students at a variety of practice levels. Students come to an integrated grouping in seminar with different experiences in field placement.
Prerequisites: ECDV 201, ECDV 230, ECDV 260 and ECDV 280 plus a minimum grade of C in ECDV 170 and ECDV 175.
Co-requisites: ECDV 220.

ECDV 230
Communications III: Working in Professional Teams
2 Credits Weekly (2-0-0)
This is the third of three courses designed to support personal and professional communication skills. Students gain an understanding of the nature of professional teams and the skills required for successful practice in teams. Context based learning assists the student to apply theory, and develop skills and strategies in working with families and in interdisciplinary and workplace teams. A focus on values, ethics and diversity issues guides discussion of effective problem solving models.
Prerequisites: ECDV 155, ECDV 160, ECDV 210, ECDV 170 and ECDV 175 plus Minimum grade of C in ECDV 165.

ECDV 250
Foundations of Early Childhood
2 Credits Weekly (2-0-0)
Students look at current issues in the field of early childhood development from the view of a reflective practitioner. The course focuses on selected historical philosophers and educators who have shaped present early childhood theory, practice, materials/equipment, and who raised issues still relevant. Contemporary models of early childhood programs and the role of research are examined. Students review a code of ethics and apply it to their practice with families and children. Professional resources, further education and professional associations are presented to assist students in establishing a professional development plan.
Prerequisites: ECDV 201, ECDV 220, ECDV 225, ECDV 230, ECDV 260 and ECDV 280.

ECDV 255
Child Development III
3 Credits Weekly (3-0-0)
Child Development III extends the principles of Child Development I and II. This course provides students with opportunities to identify and examine the needs of children with developmental challenges, with attention to inclusive principles. Students have regular opportunities to observe and relate to a child with delays or deviations in development. The course is an introduction to the field of exceptionality and is designed to heighten awareness rather than train specialists.
Prerequisites: ECDV 201, ECDV 220, ECDV 225, ECDV 230, ECDV 260 and ECDV 280.

ECDV 260
Family and Community Issues
3 Credits Weekly (3-0-0)
This course looks at the family from a societal perspective, with the intention of deepening participants' understanding of the families with whom they will be working and their awareness of issues concerning families. The focus is on the ecology of the family with particular emphasis on family policy, economic issues and the social safety net, power and violence, gender issues, children's rights/parent's rights and advocacy. Capacity building and strengths based approaches are presented as strategies to support families and develop resiliency.
Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175, ECDV 210.

ECDV 270
Field Placement IV
3 Credits Total (0-0-200)
This is the fourth of four field placement courses designed to support the student's progressive development of skills. Field placement provides the student with the opportunity to blend theory from classes with practice in early childhood settings. The student is mentored by a university field placement coordinator. Students are assessed in the following categories: professional suitability, participation and performance, and play and curriculum experiences. In this final field placement, students apply early childhood best practice knowledge to support children's learning and development. The student will be prepared for entry to professional practice.
Prerequisites: ECDV 250, ECDV 255, ECDV 285 and OOSC 200 plus a minimum grade of C in ECDV 220 and ECDV 225.
Co-requisites: ECDV 275.

ECDV 275
Integration Seminar IV
1 Credit Weekly (0-0-1)
This course provides an opportunity to reflect on professional practice with peers under the guidance of an instructor. Students bring experience in different field placement settings to group discussion in seminar. Field placement issues are discussed and class learning in Term IV is integrated with practical field experiences. Seminar focuses on recognized early learning and care practice across a broad range of early childhood programs. It also provides an opportunity to discuss issues and explore topics in early learning and care.
Prerequisites: ECDV 250, ECDV 255, ECDV 285 and OOSC 200 plus a minimum grade of C in ECDV 220 and ECDV 225.
Co-requisites: ECDV 270.

ECDV 280
Infant and Toddler Care and Development
3 Credits Weekly (3-0-0)
In this course, students review developmental stages and milestones for infants and toddlers. Implications of current neurodevelopmental research on early learning and care settings are discussed. The importance of responsive and caring interactions and the adult's role in planning and providing play and learning environments and experiences is addressed. Students develop strategies for supporting families and respecting diversity. Students gain an understanding of their roles in supporting infant and toddler social and emotional development.
Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 210, ECDV 170 and ECDV 175.

ECDV 285
Curriculum IV: Theories of Early Learning
3 Credits Weekly (3-0-0)
Building on previous curriculum courses, this course emphasizes theories and curriculum models for early learning and care that arise from a constructivist framework. Reflective practice extends the understanding of the professional's role in planning for early learning based on theoretical perspectives and an understanding of the importance of diversity and inclusion. Students explore a range of early learning assessment tools, techniques and practices.
Prerequisites: ECDV 201, ECDV 230, ECDV 260, ECDV 280, ECDV 220, ECDV 225.

ECON – Economics

ECON 101
Introduction to Microeconomics
3 Credits Weekly (3-0-0)
This course will provide an introductory investigation to supply and demand analysis; the theory of production, costs, and price determination under competitive and non-competitive market conditions. Emphasis is given to the Canadian Economy.

ECON 102
Introduction to Macroeconomics
3 Credits Weekly (3-0-0)
Following a brief introduction to the discipline of economics, this course provides an introductory investigation of national income determinations, monetary and banking systems, and fiscal and monetary policies. Contemporary problems of unemployment, inflation, economic growth, exchange rates and international trade are analyzed. Emphasis is given to Canadian issues.

ECON 212
Economic Aspects of the European Union
3 Credits Weekly (3-0-0)
This course focuses on the study of economic policies in the European Union (EU). Though the ideas of trade liberalization and economic integration are as old as economics itself, the ongoing process of integrating Europe is one of the most exciting experiences in human history. The European experience of economic, political, legal, and social integration is a unique opportunity to learn how these processes work and what their dangers are. This course concerns the economic foundations of the Union, as well as current issues.
Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON 213
Introduction to Economics of Developing Countries
3 Credits Weekly (3-0-0)
This course is a survey of case studies from developing countries that focuses on the major approaches to, and problems of, economic development. It emphasizes issues relating to the concept and history of development; development strategies; poverty; population growth; trade, growth, macroeconomic management and globalization; role of institutions in development; linkages between environment and development; savings and investment; and foreign aid.
Prerequisites: Minimum grade of C- in ECON 102.

ECON 220
The Economics of Gender
3 Credits Weekly (3-0-0)
This course is an analysis of general gender economic issues which can impact economic development around the world. The topics to be discussed will include educational achievement, labour market participation, earnings, socio-economic policies, and accessibility to technology based on different gender identities.
Prerequisites: A minimum grade of C- in ECON 102.

ECON 255
Introduction to Data Wrangling: Collecting, Cleaning, and Presenting Data
3 Credits (0-3-0)
This course is an introduction to data analysis: finding, collecting, cleaning, exploring, visualizing, and presenting data. Students will apply the methods learned in this course to describe, interpret, and analyze practical economic problems. The course uses the R software for all purposes.
Prerequisites: A minimum grade of C- in ECON 101 or ECON 102.

ECON 261
Introduction to Agricultural Economics
3 Credits Weekly (3-0-0)
This course introduces students to the basic economic concepts and issues related to agriculture and food, especially economic forces influencing the decisions of producers, consumers, and marketers of food, fiber, and other agricultural products. The interaction of agricultural production with environment in relation to sustainability and regional differences will also be addressed.
Prerequisites: A minimum grade of C- in ECON 101.

ECON 281
Intermediate Microeconomics
3 Credits Weekly (3-0-0)
Microeconomics aims at explaining phenomena such as changes in relative prices, but it is much more than that: it provides methods for making educated decisions in our day-to-day lives. To that end, it uses a set of principles, a reasoning framework, and a few mathematical models expressed in functions, equations, and graphs. Knowledge of algebra at a high-school level is strongly recommended.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 282
Intermediate Macroeconomics
3 Credits Weekly (3-0-0)
Students explore topics such as models of price, interest rate, output, and employment determination; the impact of fiscal, monetary, and supply shocks; open economy macroeconomics with fixed and flexible exchange rates, and prices as well as international capital mobility.
Prerequisites: Minimum grades of C- in ECON 101 and ECON 102.

ECON 289
Introduction to Mathematical Economics
3 Credits Weekly (3-0-0)
This course introduces students to mathematical framework for economic analysis. It examines the fundamental techniques of functions, matrix algebra, differentiation and integration in relation to their application to the concepts to economic analysis. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ECON 101.

ECON 290
Economics at Work: Reasoning and Writing in Economics
3 Credits Weekly (3-0-0)
Students review the tools of economic reasoning and use them to analyze a variety of micro- or macro-economic issues from an individual's perspective. Instruction emphasizes high student engagement both in class and with home assignments. Reading and writing economics materials are both means and ends of this course.
Prerequisites: Minimum grade of C- in 6 ECON *(*p. 720*) credits.*

ECON 299
Quantitative Methods in Economics
3 Credits Weekly (3-0-0)
This course is an introduction to the mathematical and statistical methods in economics. Students apply mathematical tools to economic problems, preparing them for models used in higher-level courses. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: Minimum grades of C- in ECON 101, one of ECON 289 or MATH 114, and one of STAT 151 or STAT 161.

ECON 311
Canadian Monetary Policy
3 Credits Weekly (3-0-0)
Monetary policy is a complex process of decision making. Such policy requires measuring the existing state of the Canadian economy, forecasting various macroeconomic variables, and understanding how variables such as interest rates, exchange rates, budget deficits, and trade deficits influence the inflation rate. In this course, students will learn how to assess such variables by simulating the role of advisors to the Bank of Canada on monetary policy. A small number of students taking this course may be offered the extra-curricular chance to participate in the subsequent round of Bank of Canada Governor's Challenge competition.
Prerequisite: Minimum grades of C- in ECON 282 and ECON 399; ECON 399 may be taken as a co-requisite with permission of the department.

ECON 319
Contemporary Canadian Economic Issues
3 Credits Weekly (0-0-3)
This course examines contemporary Canadian economic issues in relation to macroeconomic performance, monetary and fiscal policies, trade liberalization, environmental management and policies, industrial policies, social policies and regional development. The debates and policies related to contemporary economic aspects of these issues are discussed.
Prerequisites: Minimum grade of C- in ECON 101 and ECON 102.

ECON 323
International Economics
3 Credits Weekly (3-0-0)
This course examines the principles underlying the international economy in both trade and finance. Emphasis is placed on the determination of trade patterns, comparative advantage, trade and tariffs, and the macroeconomic effects of exchange rate changes. Note: Students who have taken ECON 421 or ECON 422 for credit cannot receive credit for this course.
Prerequisites: Minimum grades of C- in ECON 101 and ECON 102.

ECON 335
Urban Economics
3 Credits Weekly (3-0-0)
This course explores how economic forces: influence development of cities in spatial, social, and economic dimensions; cause cities to grow or shrink; affect urban problems such as poverty, crime, and congestion; make urban housing markets work; and shape taxation and spending policies to promote urban sustainability.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 341
Money and Banking
3 Credits Weekly (3-0-0)
This course analyzes the role of money and credit in the exchange process. Topics include the savings - investment process, commercial banking, financial intermediaries, financial markets, central banking, and regulations of financial institutions.
Prerequisites: A minimum grade of C- in ECON 102.

ECON 344
Fundamentals of Policy Analysis
3 Credits Weekly (3-0-0)
This course applies economic concepts and techniques to practical policy problems that governments face, including the provision of public goods and the regulation of private individuals and businesses. Students will learn how to conduct different types of economic analyses that assist governments in deciding when and where to address a problem and how to choose between different solutions. This course provides students with an entry point to the profession of policy analysis. Note: Students can only receive credit for one of ECON 344 or POLS 344.
Prerequisites: A minimum grade of C- in ECON 101 or consent of the department; POLS 244 is recommended for all students taking this course.

ECON 345
Global Economics
3 Credits Weekly (3-0-0)
This course aims to analyze historical and current issues surrounding globalization and regional economic integration among nations. The discussions are based on a critical review of empirical evidence and applications of theory and policies worldwide. Topics to be covered include causes and consequences of financial crises, the establishment and the role of international economic institutions, analysis of trade agreements, regional trade strategies, and the impact of globalization.
Prerequisites: A minimum grade of C- ECON 102.

ECON 350
Economics of Public Expenditure
3 Credits Weekly (3-0-0)
This course analyzes public expenditure policies and other issues involved in the provision of public services. The key topics include public goods, externalities, public choice, fiscal federalism, healthcare, education, and public pensions.
Prerequisites: A minimum grade of C- in ECON 101.

ECON 353
Taxation Policy and Structure
3 Credits Weekly (3-0-0)
This course introduces students to the basic structure of a tax system and various tax policy issues. Particular attention is paid to the Canadian tax structure and its role in attaining certain goals of society. The key concepts in this course include tax incidence, economic effects of taxes, and tax policy design.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 355
Economics of Project Evaluation
3 Credits Weekly (3-0-0)
This course covers the use of cost-benefit analysis and other economic methods in evaluating private and public investment projects with examples from transportation, river basin management, electrical generation, and oil and gas.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 357
Topics in Applied Economics
3 Credits Weekly (3-0-0)
This course focuses on the economic aspects and related policy issues of selected areas such as; health and health care, labour, sports, and law. Topics vary and are announced prior to registration. Consult with faculty members in Economics for details regarding current offerings.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 365
Resource Economics
3 Credits Weekly (3-0-0)
This course examines the issues involved in the production of exhaustible and renewable natural resources, including exploration, extraction, and taxation; scarcity and pricing; and contemporary Canadian resource policy issues.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 366
Energy Economics
3 Credits Weekly (3-0-0)
This course examines the economics of producing and consuming energy, pricing, role in economic growth, energy sources and markets, the role of government, regulation and other energy policy issues.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 369
Economics of the Environment
3 Credits Weekly (3-0-0)
This course examines economic growth and the deterioration of the environment, types and causes of environmental deterioration, theory, policy, and measurement relating to environmental deterioration, and current Canadian environmental topics.
Prerequisites: Minimum grade of C- in ECON 101.

ECON 373
Industrial Organization
3 Credits Weekly (3-0-0)
This course presents a survey of the theories of behaviour and performance of firms under different market structures, game-theoretical concepts applied to the study of strategic behaviour in the market, case studies, and Canadian antitrust policy and practice.
Prerequisites: Minimum grade of C- in ECON 281 and either MATH 114 or ECON 289.

ECON 384
Microeconomic Theory
3 Credits Weekly (3-0-0)
This course examines extensions and applications of microeconomic topics such as inter-temporal choice, uncertainty, game theory, externalities, public goods, asymmetric information, and general equilibrium. Recommended to students who wish to deepen their understanding in microeconomic theory and analytical skills in using microeconomic models.
Prerequisites: Minimum grade of C- in ECON 281 and either MATH 114 or ECON 289.

ECON 385
Macroeconomic Theory
3 Credits Weekly (3-0-0)
Building on Intermediate Macroeconomics, students examine government budget constraint and public debt, neoclassical growth theories, money supply, and theories of aggregate consumption, investment, and money demand.
Prerequisites: Minimum grades of C- in ECON 281 and ECON 282.

ECON 389
Mathematical Economics
3 Credits Weekly (3-0-0)
This course focuses on mathematical techniques used to set and solve economic problems. Topics include principles and applications of total and partial differentiation, comparative static analysis, constrained and unconstrained optimization, linear inequalities, convexity, programming, other mathematical theories of interest in modern economics. Note:This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ECON 281, ECON 282, and in either ECON 289 or both MATH 114 and MATH 120.

ECON 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate level student to work with an instructor to explore specific economic topics in a certain field of economics through directed reading and research using primary and secondary sources.
Prerequisites: Consent of the department.

ECON 399
Introductory Econometrics
3 Credits Weekly (0-3-0)
This course provides an elementary treatment of major topics in econometrics with emphasis on applied regression methods, econometric model building and applications, introduction to, and practice of empirical research methods; identifying topics, collecting data, and writing a research report. Note: This course can be used to fulfill the arts credit requirements of the Bachelor of Arts and the science credit requirement of the Bachelor of Science.
Prerequisites: A minimum grade of C- in ECON 299.

ECON 401
Field Placement
3 Credits Weekly (6-0-0)
In this course, the students are assigned to a public, private, or non-profit organization where they apply their knowledge and skills in research, evaluation, management or analytical aspects of a project. Note: This course does not fulfill the 400-level requirement for the major and minor.
Prerequisites: Minimum grade of C- in ECON 299 and consent of the department.

ECON 414
Development Economics
3 Credits Weekly (3-0-0)
This course focuses on economic models of growth and development in developing countries. Topics include poverty and inequality, population dynamics, the role of agriculture, industry, saving and investment, fiscal and macro policies, international trade and globalization in structural transformation of developing countries as well as the various approaches to development planning.
Prerequisites: Minimum grade of C- in ECON 281 and ECON 282.

ECON 421
International Trade
3 Credits Weekly (0-0-3)
The course focuses on: nature and relevance of international trade; early trade doctrines; the theory of comparative advantage; classical and modern approaches and empirical evidence for them; new approaches to the pure theory of international trade; economic growth and international trade; market imperfections and trade; commercial policy; economic integration; and the gains from trade.
Prerequisites: Minimum grade of C- in ECON 281, and in either MATH 114 or ECON 289.

ECON 422
International Payments
3 Credits Weekly (0-0-3)
This course examines these macroeconomic topics: the types of international transactions, macroeconomics in an open economy, exchange rates, balance of payments adjustments, and issues within the international monetary system.
Prerequisites: Minimum grade of C- in ECON 281, ECON 282 and in either MATH 114 or ECON 289.

ECON 441
Monetary Theory and Policy
3 Credits Weekly (0-0-3)
In this course, students examine formal modeling of money and recent developments in monetary economics, including inflation tax and the optimum quantity of money. Key topics include term structure of interest rates, money and economic activity, rules versus discretion in monetary policy, and the role of financial deregulation.
Prerequisites: Minimum grade of C- in ECON 281, ECON 282 and in either MATH 114 or ECON 289.

ECON 442
Economics of Financial Markets
3 Credits Weekly (0-0-3)
The central topics covered in this course include the measurements of risk, hedging and speculation, market microstructure, asset pricing and market equilibrium.
Prerequisites: Minimum grade of C- in ECON 281, in either STAT 151 or STAT 161, and in either MATH 114 or ECON 289.

ECON 443
Topics in Financial Economics
3 Credits Weekly (3-0-0)
This course is devoted to the detailed study of a single topic. The content of the course will depend on the topic area. Students can take this course up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in FNCE 301 or a minimum grade of C- in ECON 442.

ECON 455
Topics in Econometrics
3 Credits Weekly (0-3-0)
This course focuses on selected contemporary topics in Econometrics. Students undertake a detailed analysis of a specific topic. The instructor chooses the topic in any given semester. Students can take this course up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in ECON 399.

ECON 467
Environmental and Natural Resource Policy
3 Credits Weekly (0-0-3)
The course focuses on the relationships between economic activities, environment and ecosystem; designing, implementing, managing and evaluating domestic, regional and global policy issues related to environmental, renewable and non-renewable resources. The course also discusses Canadian environmental problems and critically analyzes the policies used to address those problems.
Prerequisites: Minimum grade of C- in ECON 281, either MATH 114 or ECON 289, and one of ECON 365, ECON 366, or ECON 369.

ECON 481
Advanced Microeconomic Theory
3 Credits Weekly (3-0-0)
This honours level course is an advanced microeconomics study of producer and consumer theory, general equilibrium and welfare economics, and selected topics.
Prerequisites: Minimum grade of C- in ECON 384 and ECON 389 or consent of the department.

ECON 482
Advanced Macroeconomic Theory
3 Credits Weekly (3-0-0)
This course explores modern macroeconomic theory including theories of business cycles and growth, microfoundations of macro models, government budget constraints, expectations formation, the open economy and representative agent optimizing models.
Prerequisites: Minimum grade of C- in ECON 384 and ECON 385.

ECON 489
Advanced Mathematical Economics
3 Credits Weekly (3-0-0)
This course focuses on dynamic models in economics. Topics include economic models based on first- and second-order differential equations, calculus of variations (the Euler sufficient condition), and optimal control theory (the maximum principle); instructors may include other topics, such as difference equations and discrete time optimization. Examples may come from macroeconomics, microeconomics, game theory, resource economics, energy, and other subjects in economics.
Prerequisites: A minimum grade of C-- in ECON 389, or both MATH 115 and 6 credits ECON *(*p. 720*), or consent of the department.*

ECON 495
Applied Econometrics
3 Credits Weekly (0-3-0)
This course covers topics that are beyond the scope of ECON 399, such as panel data models, instrumental variables, limited dependent variables, and simultaneous equations. The learning method is substantially based on computer lab work. The theory behind each econometric method studied in this course is provided only as much as necessary for the sound understanding of the respective method.
Prerequisites: A minimum grade of C- in ECON 399 or STAT 378.

ECON 497
Economic Analysis: A Capstone Seminar
3 Credits Weekly (0-0-3)
Students use their understanding of economic theory and quantitative knowledge to investigate in depth an economic issue. In a structured environment, they learn how to analyze economic problems, find solutions and write reports. They also practice how to formally discuss critique and evaluate other economic reports and publications.
Prerequisites: A minimum grade of C- in ECON 281, ECON 282, and ECON 399.
Co-requisites: ECON 399 May be taken as Co-requisite with consent of the department.

ECON 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific economic topic in depth through directed reading and research using primary and secondary sources.
Prerequisites: A minimum grade of C- in ECON 281 and ECON 282 and ECON 299 and consent of the department.

ECON 499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor registered students conduct a research project culminating in a written Honours Thesis with oral defense. This course is restricted to students in the Honours Economics Program and may only be taken in their final year of the program.
Prerequisites: Department consent required.

ECRP – Emergency Communications and Response

ECRP 131
Call Processing/Radio Communications
3 Credits Weekly (3-2-0)
Students examine the basics of call processing and radio communications. The course includes theory, technical language, and the application of equipment used in emergency and non-emergency communication centres. Students practice call-taking, radio communications, and dispatching skills.
Co-requisite: ECRP 141.

ECRP 141
Emergency Communications I
3 Credits Weekly (3-2-0)
The theory and techniques of call taking and dispatching as applied to police, fire, and medical communications are examined. The role of the emergency communicator in a mission critical environment is discussed. A focus on managing resources and callers is included. Skills in call taking and dispatching are practiced through role playing and simulated laboratory experiences.
Prerequisites or Co-requisites: ECRP 131.

ECRP 151
Emergency Communications II
3 Credits Weekly (3-2-0)
Theory and techniques of call taking and dispatching as applied to police, fire, and medical emergency communications are examined in detail. An overview of the history and organizational structure of police, fire and medical services as well as the interrelationship of these services in responding to a critical incident is examined. An emphasis on deployment principles and protocols is included. Skills are developed in call taking and dispatching of multiple incidents through role playing and simulated laboratory experiences.
Prerequisites: ECRP 141.

ECRP 161
Emergency Planning
2 Credits Weekly (2-0-0)
This course focuses on the stages involved in planning, preparation, and management of a response to an emergency, disaster, or crisis situation with emphasis on the role of the emergency communicator. Natural and man-made disasters, risk analysis, and emergency management plans are examined.

ECRP 171
Field Placement
2 Credits Total (0-0-100)
This course provides the student with related practical field experiences. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.
Prerequisites: ECRP 131 and ECRP 141.
Co-requisites: ECRP 172.

ECRP 172
Integration Seminar
1 Credit Weekly (0-0-1)
This course integrates theory and practice by linking the knowledge, skills, and values gained in the classroom through discussions of issues experienced in the field placement. The focus is on professional practice, ethical decision making and work expectations in a team environment. Integration seminar is taken concurrently with ECRP 171 - Field Placement.
Prerequisites: ECRP 131 and ECRP 141.
Co-requisites: ECRP 171.

ECRP 175
Field Placement
3 Credits Total (0-12-80)
This course provides the student with related practical field experience. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field. The course also includes an integration seminar that addresses the integration of theory and practice by linking the knowledge, skills and values gained in the classroom with issues experienced in the field placement.
Prerequisites: ECRP 131 and ECRP 141.

ECRP 181
Document Processing in Emergency Communications
1 Credit Weekly (1-2-0)
Students explore the variety of tools, documents and reports commonly used within an emergency communications centre. Students create, format and use various documents and reports such as call logs and protocols. Quality improvement and quality assurance tools utilized within a communications centre are examined.

ECRP 190
Selected Topics in Emergency Communication
3 Credits Weekly (3-0-0)
This course involves the exploration and critical evaluation of current scholarship regarding two designated topics relevant to the emergency communication and response field. Topics covered vary based on the expertise of faculty, requirements of the overall program of study, and emerging issues as suggested by stakeholders. Topics include areas of study impacting the emergency communications environment such as: emergency planning, document processing, domestic terrorism, pandemics, elder abuse, rave culture, police pursuits, and other emerging trends or issues in the field of emergency communication and response, and/or innovative approaches to such work.

EDUC – Education

EDUC 100
Contexts of Education
3 Credits Weekly (3-0-0)
This course explores the complex nature of teachers and the teaching profession. Students become familiar with the scope and expectations of the role of the teacher and the framework within which teachers work by examining teachers' interactions with systems and school policies. This course accentuates topics such as: diversity and inclusive practice, shaping learning environments, school and societal cultures, assessment, and professional conduct.

EDUC 210
Introduction to Educational Technology
3 Credits Weekly (3-3-0)
This course examines frameworks, trends, issues and scenarios on the role of technology in education. Students gain hands-on experience of using technology, with a special emphasis on strategies for integrating technology into the school curriculum. Students may not receive credit for both EDUC 210 and EDIT 202.

ENCP – Engineering, Computer

ENCP 100
Computer Programming for Engineers
3.8 Credits Weekly (3-3-0)
This course covers the fundamentals of computer programming with emphasis on solving engineering problems. Topics include: programming language syntax data types, statements, arrays, control structures, loops, functions, data structures, and files. Note: This course is restricted to Engineering students.

ENGG – Engineering

ENGG 100
Success in Engineering
1.1 Credits Weekly (1.5-0-1.5)
This course provides an introduction to the engineering profession, the skills required for academic success, and the fundamentals of leadership. These encompass study and life skills; time management and goal setting; interpersonal skills; career planning; engineering and society including elements of ethics, equity, concepts of sustainable development, environmental stewardship, and public safety. Note: Restricted to Engineering students.

ENGG 130
Engineering Mechanics - Statics
4 Credits Weekly (3-2-0)
Equilibrium of planar systems is presented in this course. The course also provides an introduction to the analysis of statically determinate trusses and frames, explores the concept of friction, and introduces the concept of centroids and centres of gravity. Topics also include forces and moments in beams and second moments of area. NOTE: Restricted to Engineering students.
Prerequisites: Pure Mathematics 30, Mathematics 31, Physics 30.

ENGG 160
Introduction to Engineering Design, Communication, and Profession
2 Credits Weekly (1-2-0)
This course provides an introduction to the engineering design process, graphical communication, and the engineering profession. Concepts of ethics, sustainable design and environmental stewardship and public and worker health and safety are also explored. NOTE: Restricted to Engineering students.
Prerequisites: ENGL 199.

ENGL – English

ENGL 010-1
English 10-1
5 Credits Weekly (6-0-0)
This course is an introductory academic stream study in the following: the short story, the essay, the novel, modern drama, Shakespearean drama, poetry, language skills including reading, writing, representation, speaking, listening and viewing. Critical and interpretative skills are emphasized through the understanding and appreciation of literature. This course is equivalent to Alberta Education's English 10-1.
Prerequisites: Grade 9 Language Arts or equivalent.

ENGL 010-2
English 10-2
5 Credits Weekly (6-0-0)
English 10-2 is an introductory non-academic stream course. It focuses on the study of literature and emphasizes the development of language skills including reading, speaking, writing, listening, viewing and representing. This course emphasizes development of oral and written communication skills, reading for enjoyment and personal growth, and language skills for the everyday world. Basic grammar and sentence building are reviewed. This course is equivalent to Alberta Learning's English 10-2.
Prerequisites: Grade 9 Language Arts or equivalent.

ENGL 020-1
English 20-1
5 Credits Weekly (6-0-0)
English 20-1 is equivalent to Alberta Education's English 20-1 course and builds upon the skills and concepts developed in English 10-1. Emphasis is placed on analytical skills through the detailed study of literature, including the short story, the essay, the novel, modern drama, Shakespearean drama and poetry. Students will read, speak, write, listen and view throughout the course.

ENGL 020-2
English 20-2
5 Credits Weekly (6-0-0)
English 20-2 is equivalent to Alberta Education's English 20-2 course. English 20-2 is an intermediate non-academic study of literature emphasizing the development of language skills including reading, speaking, writing, listening, and viewing. Emphasis is placed on the detailed study of literature including the short story, encouragement of the essay, the novel, modern drama or Shakespearean drama and poetry.

ENGL 030-1
English 30-1
5 Credits Weekly (6-0-0)
The goals of English 30-1 are to provide an advanced study in academic literature. This study will include the following genres: the short story, the essay, the novel, Shakespearean drama, poetry, and either a modern drama or a film study. Language arts skills, including reading, writing, speaking, viewing, listening, and representing, are covered with the literature. Intensive analytical and interpretive skills are emphasized along with the refinement of formal writing skills.
Prerequisites: ENGL 020-1 or equivalent.

ENGL 030-2
English 30-2
5 Credits Weekly (6-0-0)
English 30-2 is equivalent to Alberta Education's English 30-2 course. The goals of English 30-2 are to provide an advanced study in non-academic literature. This study will include the following genres: the short story, the essay, drama, film, poetry, and the novel. Language arts skills, including reading, writing, speaking, viewing, listening, and representing, are emphasized. A variety of literature will be studied. The primary focus in this course is placed on comprehension and clear communication.
Prerequisites: ENGL 020-2 or equivalent.

ENGL 086
ELP for University - Reading and Writing
5 Credits Weekly (7-0-0)
This course is intended to provide intensive English reading and writing preparation for post secondary studies. The course challenges the advanced student to complete authentic assignments and master advanced level material in English. An integrated approach is used in which students practice reading and writing skills. Independent thinking is encouraged through questions for analysis following readings. The focus of the course is on a wide range of academic content and extensive practice in English. Test taking strategies and study skills are also included. Information is presented to students in forms that challenge their language abilities. As in university courses, readings present problems and competing points of view. Students are asked to work with and analyze ideas and to use communication of these ideas as a means of improving their English.
Prerequisites: EAL Placement Test (Reading/Writing 86) or IELTS 5#5 or TOEFL iBT 70 or CAEL 60 or Minimum B- in ERDW 084 and minimum B- ESPL 083.

ENGL 087
ELP for University - Listening and Speaking
5 Credits Weekly (7-0-0)
ELP for University - Listening and Speaking is intended to provide intensive English listening and speaking preparation for post secondary studies. The course challenges the advanced student to listen to authentic lectures, documentaries and other high level material in English. Independent thinking is encouraged through questions for analysis following lectures. The focus of the course is on a wide range of academic content and extensive practice in English. Information is presented to students in forms that challenge their language abilities. The information is often intentionally controversial in order to stimulate discussion. As in university courses, lectures present problems and competing points of view. Students are asked to work with and analyze ideas and to use communication of these ideas as a means of improving their oral English skills.
Prerequisites: EAL Placement Test (Speaking/Listening 85) or IELTS 5#5 or TOEFL iBT 70 or CAEL 60 or Minimum B- in ESPL 084 and minimum B- in ERDW 083.

ENGL 102
Analysis and Argument
3 Credits Weekly (3-0-0)
This course introduces students to the academic writing and scholarly sources that are the foundation of university education. Students become familiar with academic literacy and disciplinary conventions by reading and analyzing scholarly works. Students write their own analytic, thesis-driven essays, cultivate their own writing and revision processes, and learn to produce stylistically polished academic prose. NOTE: Students cannot receive credit for both ENGL 102 and WRIT 101.

ENGL 103
Approaches to Literature: Trends and Traditions
3 Credits Weekly (3-0-0)
Building on the foundation established by ENGL 102, ENGL 103 develops and deepens, through the reading and analysis of literary texts, the critical thinking, research, and writing skills that are applicable across the university curriculum. In ENGL 103, students are introduced to a selection of representative genres, authors, and texts in English. Texts to be studied may range from the past to the present, the medieval to the modern and contemporary. The organization and content of any given section depend upon the interests and expertise of the instructor: students might study a variety of works in two or three different genres, for example, or they might look at the development of a particular theme across genres, through time, or in a variety of works, or they might consider examples of literature from a variety of time periods, etc.; but in all sections students will study and analyze a range of English literary works, genres, forms, and writers. In every iteration of the course, students hone critical reading, thinking, writing, and research skills through literary study.
Prerequisites: A minimum grade of C- in ENGL 102 or in WRIT 101.

ENGL 104
Approaches to Literature: Narrative Across Media
3 Credits Weekly (3-0-0)
Building on the foundation established by ENGL 102, ENGL 104 develops and deepens, through the reading and analysis of literary texts, the critical thinking, research, and writing skills that are applicable across the university curriculum. In ENGL 104, students focus on narrative forms and techniques across a variety of media such as novels, short stories, films, video games, comics, etc. The central concern is the complex relationship between a story and the medium in which it is told. The content of a given section depends on the interests and expertise of the instructor. Students might consider the way in which a specific genre (or theme)--science fiction, horror, etc.--carries across diverse media; they might look at various adaptations of a particular story, or "universe"; or they might consider the ways in which a particular medium has developed out of (while diverging from) an older narrative form; etc. In every iteration of the course, students hone critical reading, thinking, writing, and research skills through literary study.
Prerequisites: A minimum grade of C- in ENGL 102 or in WRIT 101.

ENGL 105
Approaches to Literature: Contemporary Literature and Culture
3 Credits Weekly (3-0-0)
Building on the foundation established by ENGL 102, ENGL 105 develops and deepens, through the reading and analysis of literary texts, the critical thinking, research, and writing skills that are applicable across the university curriculum. In ENGL 105, students analyze how contemporary works of literature respond to significant cultural moments, events, and trends in the late-twentieth and twenty-first centuries. Students read a range of literary texts with a focus on analyzing, researching, and writing about emerging cultural issues in the world today. Specific content in any given section will vary according to instructor interest and expertise, but all sections will emphasize how literary texts reflect, shape, and contribute to their immediate cultural contexts. Students might study literary representations of topics related to gender, sexuality, race, class, or other markers of identity; topics related to a significant historical event, such as 9/11 or the Black Lives Matter movement; or topics that focus on cultural concepts in literary texts, such as the non-human, the Anthropocene, or Indigenous reconciliation. In every iteration of the course, students hone critical reading, thinking, writing, and research skills through literary study.
Prerequisite: A minimum grade of C- in ENGL 102 or in WRIT 101.

ENGL 111
Communications
3 Credits Weekly (3-0-0)
This course aims to help students improve their communication skills: writing, reading, speaking, and listening. The main emphasis, however, is on writing skills. Students write an expository and a persuasive essay, summarize written text, and apply principles of clear and correct writing to their own compositions. Students learn research and documentation strategies, and strengthen and expand their writing skills so that they can write more effectively for a variety of audiences and purposes. Students may choose from a number of delivery options that include classroom and online sections. Note: ENGL 111 is intended for students in diploma programs and does not satisfy the literacy requirement for degree programs.

ENGL 199
English for Engineering Students
3 Credits Weekly (3-0-0)
This course aims to develop the student's ability to provide effective written and oral information. It will focus on instruction in fundamental writing skills, including building effective sentences and paragraphs, and on learning to communicate clearly across a range of genres and media used in academic and professional contexts, including correspondence and presentations. Students will be introduced to the principles of information gathering, analysis, and citation. Note: This course is restricted to Engineering students.

ENGL 205
Rhetoric and Stylistic Analysis
3 Credits Weekly (3-0-0)
English 205 is an introduction to rhetorical and stylistic analysis of texts. The course focuses on how elements such as organization, structure, and syntax influence the reader's understanding and experience of the text. Students will study rhetorical and style terms as a framework for their anaysis and reading. The course stresses the development of analytic skills that are central to the study of literature.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 211
Business Communication
3 Credits Weekly (3-0-0)
This course focuses on effective problem-solving approaches in business writing. Letters, memos, emails, and reports, often presented in case study formats, aid in developing expertise in gathering and analyzing data, writing with a clear sense of purpose, and writing with a reader's needs clearly in mind. Although the principles of clear, concise business communication are covered, the main emphasis is on practical applications of these concepts.
Prerequisites: Three credits of ENGL *(*p. 725*) or WRIT 101.*

ENGL 215
Sports in Literature
3 Credits Weekly (3-0-0)
ENGL 215 builds on the reading, writing, and research skills students have acquired in first-year English. This course explores the intersection of literature, sports, and culture. Students read a selection of sports-themed literature across a variety of genres, including novels, graphic novels, short stories, poetry, literary journalism, biography, autobiography, and film. Selected texts represent a diverse range of sports and approaches. Students will also develop research writing skills and learn to write analytically about sports in literature.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 216
Environmental Writing Since 1800
3 Credits Weekly (3-0-0)
This course builds on the reading, writing, and research skills students have acquired in first-year English. Students will read a selection of texts from the field of environmental literature, a combination of classics that influenced the modern environmental movement and contemporary works that reflect current environmental issues. The selections will cross genres – nonfiction, short story, novel, poetry – and two-plus centuries, spanning from 1800 to the present. Themes will include the relationship between nature and spirituality, nature and creativity, the idea of wildness, a sense of place, conservation, biophilia, the Age of the Anthropocene, and climate change.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 217
Reading Race
3 Credits Weekly (3-0-0)
ENGL 217 builds on the reading, writing, and research skills students have acquired in first-year English. This course offers the opportunity to read literature in various genres and media dealing with issues, experiences, and representations of race and racialization. Students will also develop research writing skills and learn to write analytically about representations of race. The specific approach is, in any given year, dependent on the expertise of the instructor. For information about the current course offering, please consult the English Department.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 218
Reading Gender
3 Credits Weekly (3-0-0)
ENGL 218 builds on the reading, writing, and research skills students have acquired in first-year English. This course offers students the opportunity to read literature in various genres and media dealing with issues, experiences, and representations of gender and sexuality—e.g., women's writing and queer writing. Students will also develop research writing skills and learn to write analytically about representations of gender. The specific approach is, in any given year, dependent on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 219
Readings in Speculative Fiction
3 Credits Weekly (3-0-0)
ENGL 219 builds on the reading, writing, and research skills students have acquired in first-year English. This course introduces students to a representative sampling of science fiction, fantasy, and/or horror. Students will examine the way these genres emerge from the broader category of speculative fiction in the late nineteenth century and then develop into a host of subgenres during the twentieth and twenty-first. From classics in early science fiction and fantasy to contemporary cyberpunk and steampunk, the course explores the style and function of fiction that speculates on worlds both possible and impossible. Students will also develop research writing skills and learn to write analytically about speculative fiction.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 220
Reading Intersectionality
3 Credits Weekly (3-0-0)
ENGL 220 builds on the reading, writing, and research skills students have acquired in first-year English. This course offers the opportunity to read literature in various genres and media dealing with issues, experiences, and representations of intersectional marginalization, oppression, and privilege. Students will also develop research writing skills and learn to write analytically about literary representations of intersecting characteristics of identity such as gender, sexuality, race, class, age, ability, ethnicity, and religion, among others. The specific approach is, in any given year, dependent on the expertise of the instructor. For information about the current course offering, please consult the English Department.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 240
The Bible as Literature
3 Credits Weekly (3-0-0)
ENGL 240 builds on the reading, writing, and research skills students have acquired in first-year English. From the Middle Ages to the present, writers have incorporated allusions to both the Hebrew Bible and the New Testament to enrich their texts. A grasp of the significance of these allusions deepens a reader's understanding and appreciation of many of the major works in English literature. This course focuses on prominent texts in the Bible such as Genesis, the Book of Job, Ecclesiastes, the Gospels, Revelation, and selected psalms and proverbs. Students will also develop research writing skills and learn to write analytically about the Bible as literature.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 243
Genesis of English Literary Forms: Old English to Late Renaissance
3 Credits Weekly (3-0-0)
ENGL 243 builds on the reading, writing, and research skills students have acquired in first-year English. This course is an introduction to genres and literary forms that emerged during the early development of English Literature. Students read a selection of texts from the Old English through late Renaissance periods and are introduced to literary analysis at a level beyond the first-year level. Potential texts include Beowulf, Piers Plowman, and the Towneley plays, as well as the writings of people like Gower, Marlowe, Donne, and Spenser. Students will also develop research writing skills and learn to write analytically about texts from this period.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 282
Introduction to the Short Story
3 Credits Weekly (3-0-0)
ENGL 282 builds on the reading, writing, and research skills students have acquired in first-year English. This course is an introduction to the main generic elements of the short story. Students read a selection of stories from the mid-nineteenth through early twenty-first centuries and are introduced to the basics of narrative theory. Students will also develop research writing skills and learn how to write analytically about fiction. Students will only receive credit for one of ENGL 282 and ENGL 206.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 283
Introduction to the Novel
3 Credits Weekly (3-0-0)
ENGL 283 builds on the reading, writing, and research skills students have acquired in first-year English. In this course, students study the main generic elements of the novel in English. Students read landmark novels from the eighteenth through twenty-first centuries and are introduced to the basics of narrative theory. Students will also develop research writing skills and learn how to write analytically about novels.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 284
Introduction to Drama
3 Credits Weekly (3-0-0)
ENGL 284 builds on the reading, writing, and research skills students have acquired in first-year English. In this course, students read a selection of plays from the last two and a half thousand years. This is a genre course in drama, introducing students to the diverse forms of dramatic literature (mostly from the Western canon) and to a number of major playwrights. The course focuses on elements of dramatic structure, aesthetics, and genre, within the context of theatre history and cultural history more broadly. Students will also develop research writing skills and learn to write analytically about plays and playwrights.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 285
Introduction to Poetry
3 Credits Weekly (3-0-0)
ENGL 285 builds on the reading, writing, and research skills students have acquired in first-year English. In this course, students read a selection of mostly short English poems from the last thousand years. This is a genre course in poetry; it approaches the very broad and historically malleable genre of poetry through the basic elements of poetic language and form. Students will also develop research writing skills and learn to write analytically about poems. Note: Not to be taken by students with credit in the former English 293.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 286
Introduction to Literary Non-Fiction
3 Credits Weekly (3-0-0)
ENGL 286 builds on the reading, writing, and research skills students have acquired in first-year English. In this course students study various forms of literary non-fiction, such as the memoir, the personal/familiar essay, biography, travel literature, and literary journalism. Selected works are drawn from across a range of national literatures and time periods, with an emphasis on modern texts. Students are introduced to the basics of narrative theory and key theoretical issues related to literary non-fiction. Students will also develop research writing skills and learn to write analytically about literary non-fiction.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 287
Introduction to Graphic Narrative
3 Credits Weekly (3-0-0)
ENGL 287 builds on the reading, writing, and research skills students have acquired in first-year English This course provides students an opportunity to explore the medium of graphic narratives. In any given iteration of the course, students will learn how comics, graphic novels, or illustrated editions of prose construct narratives. Students will study a selection of primary texts alongside secondary and theoretical selections which will help them analyze and appreciate graphic narratives. Students will also develop research writing skills and learn how to write analytically about graphic narratives.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 288
Introduction to Film Narrative
3 Credits Weekly (3-0-0)
ENGL 288 builds on the reading, writing, and research skills students have acquired in first-year English. In this course, students study the main generic elements of narrative in film. Students are exposed to those aspects of cinematic storytelling that cannot be adapted by or from other media (such as the novel) while also exploring film's various inheritances and influences. Students will also develop research writing skills and learn to write analytically about narrative in film.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 297
Academic Essay Writing
3 Credits Weekly (3-0-0)
ENGL 297 aims to increase students' ability to write and understand non-fiction expository prose, including academic writing. Students study style and rhetoric, the relationship between form and content, the theory and practice of composition, and the processes of revision to improve their academic writing skills. This is not a remedial course in grammar or in basic essay writing skills, though there may be some review of these matters; rather, the class focuses on honing students' expository writing and critical reading, writing, and analytical skills. Revising, editing, and essay workshopping may constitute a significant component of class time. While specific writing assignments may vary from section to section, all students write a total of 5000 words, including at least one in-class essay. A major research assignment may also be included. There is no final examination. Note: Not to be taken by students with credit in ENGL 299.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 306
Advanced Grammar
3 Credits Weekly (3-0-0)
English 306 immerses students in the study of structural grammar as a tool for understanding how the structure of sentences impacts readers. This is not a remedial study of mechanics or linguistic conventions. This course will provide students with a clear understanding of the structural elements of English and provide opportunities to practice analyzing texts using grammar as a lens. Students will also practice using their knowledge of structural grammar to improve their own writing. Note: Not to be taken by students with credit in the former English 207.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 307
The History of the English Language
3 Credits Weekly (3-0-0)
This course traces the history of English from its earliest Indo-European roots to the Early Modern period. Taking both a linguistic and historical perspective, the course examines how English sounds, spelling, semantics, vocabulary, grammar, and syntax have developed, as well as the cultural, historical, and literary contexts within which these changes occurred. Examples of Old, Middle, and Early Modern English literary texts help illustrate the nature, mechanisms, and inevitability of language change and how these apply to the diversity and vitality of the English language.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 319
Earlier Medieval English Literature
3 Credits Weekly (3-0-0)
This course examines the poetry and prose of one of the longest, richest, and most significant periods of English literature. From the world of Beowulf to the Anglo-Norman court, from Old English epic and elegy to early medieval lyric and romance, the themes and forms from this period have reverberated throughout English literature and inspired countless writers down to our own time, including Tolkien and Lewis. Students read most works in translation, although some early Middle English works may be read in the original.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 320
Later Middle English Literature
3 Credits Weekly (3-0-0)
This course focuses on the literature of fourteenth and fifteenth-century England by examining a selection of poetry, prose and drama from one of the richest periods of English literature. From tales of chivalry to Arthurian adventure; romance to religious mysticism; lyrical love poetry to witty satire and bawdy humour, this period has near-unrivalled diversity and depth and is crucial for understanding much of how English literature develops in subsequent centuries. Students read most works in the original Middle English.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 324
Chaucer
3 Credits Weekly (3-0-0)
This course focuses on the works of Geoffrey Chaucer, one of the greatest poets in English literature. Chaucer's place in English literature is central; his poetry in its rich diversity has influenced writers in English from Shakespeare to Tolkien. The Canterbury Tales are justly considered his masterpiece, but just as accomplished and equally influential are the early dream visions and the great love poem Troilus and Criseyde. Despite the passage of time, Chaucer's works in their humour, compassion, and beauty remain fresh, accessible, and, in many ways, surprisingly contemporary.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 336
Studies in Shakespeare
3 Credits Weekly (3-0-0)
This course introduces students to the range and depth of Shakespeare's drama through the attentive reading of a variety of plays. Comedies, histories, tragedies, and romances allow students to understand Shakespeare's thought and the dramatic genres in which he wrote. Note: Not to be taken by students with credit in the former English 239 or 338.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 337
English Renaissance Literature
3 Credits Weekly (3-0-0)
This course explores the literature of the English Renaissance from about 1485 to about 1603. The course begins with a consideration of the early Tudor Period, including the reigns of Henry VII and Henry VIII (1485-1548), as well as selections from the mid-Tudor and Elizabethan periods (1549-1603). Besides surveying the poetry of the period starting with Wyatt, Surrey, and Skelton, the course can include selected Renaissance prose works such as Thomas More's Utopia and Sidney's Defence of Poetry. At the discretion of the instructor the course may also include one or more Non-Shakespearean Renaissance English Plays.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 340
Studies in 17th Century English Literature
3 Credits Weekly (3-0-0)
The seventeenth century was a period of revolution and remarkable literary experimentation. The decades between 1600 and the restoration of the monarchy experienced dramatic social change, religious upheaval, a regicide, scientific discovery, and expanding colonization of the "New World." This period also produced some of the most influential works of English literature. The course examines a representative range of poetry and prose by writers as diverse as Donne, Jonson, Marvell, Herbert, Wroth, Bacon, Bunyan, Behn, Hobbes, Burton, Cavendish, Walton, and Winstanley.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 341
Augustan Literature
3 Credits Weekly (3-0-0)
Students study the authors, works, and genres that were predominant in the Augustan Age and broader Neoclassical Period, between 1660 and 1785. This course includes a selection of drama, fiction, essays, and poetry by eighteen-century writers such as John Dryden, Alexander Pope, Jonathan Swift, Lady Mary Wortley Montagu, and Samuel Johnson.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 342
Topics in the Literature of the Long Eighteenth Century
3 Credits Weekly (3-0-0)
Students focus on a single topic in the literature of the long eighteenth century (1660-1790), such as a particular genre (drama, poetry, the novel, prose), author, group of authors, region, or theme. This course may be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 348
Milton
3 Credits Weekly (3-0-0)
This course examines the achievements of John Milton, in both prose and in verse. The course primarily focuses on the major works of Milton: Paradise Lost, Paradise Regained, and Samson Agonistes, but it also examines a select number of Milton's minor poems and prose works.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 350
Topics in Romantic Literature
3 Credits Weekly (3-0-0)
Conventionally book-ended by the French Revolution in 1789 and the beginnings of modern democratic reform in 1832, the Romantic period in Britain was a time of intense social and political upheaval. This course acquaints students with the diverse literature of the period in relation to its complex and volatile literary, intellectual, and historical contexts. Each iteration of this course focuses on a single topic within Romantic literature, such as a single genre, theme, or generation of authors. The specific topic and approach depends on the expertise of the instructor. This course can be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 352
Early Victorian Literature
3 Credits Weekly (3-0-0)
In the literature of this earlier Victorian period marked by energetic and momentous change, writers conveyed a multitude of doubts about religious faith and changing gender roles, while also voicing moral quandaries about class privilege and imperial rule. This course explores selected fiction, poetry, and non-fiction (from 1832 to 1870) in the context of the dominant ideological concerns which show Victorians as self-consciously modern and engaged in vigorous self-scrutiny.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 353
Later Victorian Literature
3 Credits Weekly (3-0-0)
This course focuses on the late nineteenth-century reaction to the aesthetic, religious, and sexual mores of the preceding ""high"" Victorian period. The closing century's apocalyptic tenor finds expression in metaphors and themes of the period's literature, concerns embodied discursively in response to the New Imperialism, the New Woman, and the Aesthete or Decadent. The course looks at selected fiction, poetry, and non-fiction (from about 1860-1900) in the context of contemporary cultural anxieties about social upheaval, gender crisis, and moral turmoil, the dialectic of change enacted in Pre-Raphaelitism and the Aesthetic and Decadent movements of the 1890s.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 358
19th Century American Literature
3 Credits Weekly (3-0-0)
This course is a study of representative literary texts from the period by a variety of major authors. Novels, poetry, and essays are all represented. Authors include some of the following: Philip Freneau, J. F. Cooper, J. R. Lowell, E.A. Poe, R.W. Emerson, Margaret Fuller, Henry Thoreau, Frederick Douglass, Nathaniel Hawthorne, Herman Melville, Harriet Beecher Stowe, Walt Whitman, Fanny Fern, Emily Dickinson, Henry James, William Dean Howells, Mark Twain, Henry Adams, Kate Chopin, Stephen Crane, Frank Norris, and Paul Laurence Dunbar.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 361
Early 20th Century American Literature
3 Credits Weekly (3-0-0)
In this course, students study representative American texts spanning from the early twentieth century to the cold war. A broad range of early to mid-twentieth century genres is considered – e.g., novels, short stories, poems, plays, and films. The works are analyzed closely and placed within their historical and cultural context – especially the wars and development of “the American Century.” Students are exposed to authors as varied as Chesnutt, Lowell, Larsen, Dreiser, Eliot, Faulkner, Moore, Hemingway, Hurston, Stein, Wharton, Ellison, and O’Connor.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 362
Contemporary American Literature
3 Credits Weekly (3-0-0)
In this course, students study representative American texts spanning from the Cold War to the present moment. A broad range of late-twentieth and twenty-first century genres are considered – e.g., novels, short stories, poems, plays, comics, and films. The course focuses on narrative innovations as well as the persistence of traditional American styles in a rapidly changing social, cultural, and ideological environment. Students are exposed to authors as varied as Ginsberg, Barth, Plath, Reed, Brooks, Pynchon, Barthelme, Kingston, Erdrich, Morrison, Acker, Mamet, Franzen, Miller, Tarantino, Eggers, and Danielewski.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 364
Topics in 20th and 21st Century Literature
3 Credits Weekly (3-0-0)
By maintaining a focus on a single topic related to literary and narrative production in the twentieth and twenty-first centuries, this course allows students to supplement ENGL 361, ENGL 362, ENGL 365, ENGL 366, ENGL 376, & ENGL 381. Each iteration of the course is organized around a single author, group of authors, genre, region, or theme. The specific topic and approach, in any given year, depends on the expertise of the instructor. This course can be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(p. 725), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 365
Early 20th Century British & Anglophone Literature
3 Credits Weekly (3-0-0)
This course involves a close study of representative British and Anglophone texts from the first half of the twentieth century, the modernist period. A broad range of genres is considered, such as novels, short stories, poems, plays, and films. Works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Writers studied may include but are not limited to Mulk Raj Anand, W. H. Auden, Elizabeth Bowen, Joseph Conrad, Ford Madox Ford, E. M. Forster, Christopher Isherwood, Henry James, James Joyce, Hugh MacDiarmid, D. H. Lawrence, Dorothy Richardson, Jean Rhys, George Bernard Shaw, Evelyn Waugh, and Virginia Woolf.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 366
Contemporary British and Anglophone Literature
3 Credits Weekly (3-0-0)
This course surveys representative British and Anglophone texts from the second half of the twentieth century and beyond. A broad range of genres may be considered, such as novels, short stories, poems, plays, and films. These works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Writers studied may include but are not limited to Martin Amis, Julian Barnes, A. S. Byatt, Anthony Burgess, Angela Carter, Ian Fleming, Seamus Heaney, Tony Harrison, Kazuo Ishiguro, Hanif Kureishi, Doris Lessing, David Lodge, Hilary Mantel, Ian McEwan, Iris Murdoch, V. S. Naipaul, Harold Pinter, Salman Rushie, Zadie Smith, Muriel Spark, and Tom Stoppard.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 368
Topics in Race and Gender
3 Credits Weekly (3-0-0)
By focusing on a broad theme or topic, this course allows students to look closely at the way in which issues of race and/or gender inform and are informed by narrative representations. While students may consider theoretical debates associated with problems of race or gender, the course concerns itself primarily with literary works that engage in, run alongside, or frustrate those debates. Each iteration of the course is organized around a single, author, group of authors, genre, period, locale, and/or theme. The specific topic and approach is, in any given year, dependent on the expertise of the instructor. This course can be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 374
Early Canadian Literature
3 Credits Weekly (3-0-0)
This course involves a close study of representative Canadian texts from the beginnings of Canadian literature through first half of the twentieth century. A broad range of genres may be considered, such as novels, short stories, poems, plays, and films. Works are situated in terms of their engagements with the cultural, social, political, scientific, and technological changes of the period. Students study Canadian authors from a variety of backgrounds.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 376
Contemporary Canadian Literature
3 Credits Weekly (3-0-0)
This course covers key developments in Canadian culture and literary works during this period when our literature came of age. Major authors achieved international acclaim, a rich diversity emerged in literary themes and forms, and marginalized narratives of class, race, gender, and the environment moved to the literary centre. These developments occurred against the backdrop of the maturing of Canada into one of the globe's most peaceful and economically stable multicultural nations.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 377
Studies in Indigenous Literature
3 Credits Weekly (3-0-0)
This course covers a number of works of Indigenous literature, ranging from collected oral folk tales and myths of the pre-contact period to print literature and films of the post-contact period. The course covers how Indigenous works of the pre-contact period convey Indigenous cultural world-views that contrast sharply with that of settler or colonial culture. The course examines Indigenous texts and films of the post-contact period as resisting colonial culture and promoting the survival of tribal cultures and languages. The course clarifies Indigenous perspectives on historical issues such as residential schools, missing and murdered indigenous women, and the treatment of Indigenous peoples in the non-Indigenous justice system. The course also considers the approaches advocated in Indigenous texts on the way forward, for Indigenous and non-Indigenous peoples, toward restitution and reconciliation.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 381
Topics in Post-Colonial Literature
3 Credits Weekly (3-0-0)
By focusing on a theme or topic, this course allows students to closely read literature from one or more regions that have experienced colonization. The course primarily concerns itself with literary works, although some introductory readings in postcolonial theory may supplement and/or complement the selected literature. Each iteration of the course is organized around a single author, group of authors, genre, theme, geographical area, or literary or linguistic tradition. The specific topic and approach is, in any given year, dependent on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department. Note: This course may be taken twice for credit, provided the course topic is different.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 382
Topics in Literary Studies
3 Credits Weekly (3-0-0)
This course gives students the opportunity to study works that deal with a single theme, such as the outsider or the child in literature, or works that exemplify a single tradition, such as naturalism or the lyric poem. Each iteration of the course is organized around a single author, group of authors, literary tradition, region, or theme. The specific topic and approach, in any given offering, depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department. This course may be taken twice if the topic is different.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 383
Topics in World Literature
3 Credits Weekly (3-0-0)
By focusing on a theme or topic, this course allows students to closely read world literature: either literature in translation from one or more literary traditions outside of English, or Anglophone literature from areas or regions outside of North America, the United Kingdom, or Australia. The course primarily concerns itself with translated literary works and/or Anglophone world literature, although some introductory readings in theory of world literature and/or translation may supplement and/or complement the selected literature. Each iteration of the course is organized around a single author, group of authors, genre, theme, geographical area, or literary or linguistic tradition. The specific topic and approach is, in any given year, dependent on the expertise of the instructor. This course may be taken twice for credit, as long as the topic is different.For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grades of C- in ENGL 102 and in three credits of university ENGL *(*p. 725*), not including ENGL 108, ENGL 111, ENGL 199, or ENGL 211.*

ENGL 386
Studies in Screen Narrative
3 Credits Weekly (3-0-0)
This course provides students with an opportunity to explore historical, global, cultural, aesthetic, and narrative perspectives concerning screen culture, with a particular focus on the impact that moving images have had on narrative and storytelling from the nineteenth century to the present day. The focus of a given section will depend on the expertise of the instructor, but the course generally considers how representations on screen have historically and culturally impacted narrative production both within and against the dominant screen genres of film and television. Course content examines formal and theoretical terms and concepts in the study of screen cultures and encourages students to think critically about the historical and material conditions through which visual technologies and narratives are produced and experienced by viewers in a range of traditional and emerging screen media.
Prerequisites: A minimum grade of C- in ENGL 288 or BCSC 205.

ENGL 387
Studies in Film Adaptation
3 Credits Weekly (3-0-0)
This course provides students an opportunity to explore (in-depth) the methods and narrative consequences of film adaptation. In any given iteration of the course, students will consider source texts alongside their cinematic counterparts. Source texts may include novels, short stories, plays, narrative poems, comics, video games, or even popular songs. The focus of a given section will depend on the expertise of the instructor. However, the singular goal across all iterations will be to consider how film tells stories—and how, more broadly, a story is always defined by its medium.
Prerequisites: A minimum grade of C- in ENGL 288 or BCSC 205.

ENGL 388
Topics in Film Studies
3 Credits Weekly (3-0-0)
This course provides students an opportunity to explore (in-depth) a specific theme, topic, or problem related to film narrative and criticism. Each iteration of the course will define and sustain a specific focus – on, for instance, a specific region or era of film production, specific forms of animation, the evolution of a single genre (science fiction, horror, comedy, etc.), the process and problems of adaptation, the works of a single auteur or group of auteurs, etc. Note: This course may be taken twice for credit if the topic is different.
Prerequisites: A minimum grade of C- in ENGL 288 or BCSC 205.

ENGL 389
Topics in Children's Literature
3 Credits Weekly (3-0-0)
This course offers various studies in the realm of Children's literature. Individual iterations of the course can focus on classics of children's literature, folktale and children's literature, or the child in literature. This course may be taken twice for credit, as long as the topic is different. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in three credits of 200- or 300-level ENGL *(*p. 725*), not including ENGL 205, ENGL 207, ENGL 211, or ENGL 297.*

ENGL 391
Topics in Literary Theory
3 Credits Weekly (3-0-0)
By focusing on a specific theme or topic associated with literary and cultural theory, this course encourages students to consider the way in which theoretical debates inform the practice of narrative production and study. In any given iteration of the course, students are exposed to a variety of primary texts by influential theorists—e.g., Plato, Aristotle, Marx, Freud, Kristeva, Mulvey, Said, Butler, Hayles, and Žižek. Each iteration functions as a focused survey of influential theoretical texts and an introduction to theory as a tool for literary interpretation; but the specific topic and approach is, in any given year, dependent on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: A minimum grade of C- in 6 credits of 200- or 300-level university courses.

ENGL 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrolment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

ENGL 399
Methods in Literary Study
3 Credits Weekly (3-0-0)
This course introduces students to the essential methods of literary studies. Beyond close analysis of primary texts, literary studies requires the gathering, assessing, analyzing, and organizing of existing knowledge, contexts, and interpretations. This course introduces students to these research processes. Students learn how to formulate research questions, conduct appropriate research, interpret and engage in conversations with secondary sources, situate analysis of primary texts within scholarly fields, write research proposals for various audiences, write grant applications, and identify the roles of databases and archival work in literary studies. The English Department highly recommends that Honours students enroll in this required course in the year prior to beginning their honours thesis (ENGL 499) and that interested Majors enroll in this course in the third or final year of their degree program.
Prerequisites: 12 credits of senior English, at least 3 of which must be at the 300 level (not including ENGL 306 and 307).

ENGL 401
Studies in Genres
3 Credits Weekly (0-0-3)
This course gives students the opportunity to focus on a single genre or to compare two or more genres. Because genre is such a fluid term, the works studied and approach to genre will depend in any given year on the interests and expertise of the instructor. The course could, for example, focus on a specific type of poem, such as the sonnet or the dramatic monologue, on a specific type of novel such as the gothic novel or the bildungsroman, on a specific type of drama, such as Restoration Comedy, or on a specific type of non-fiction, such as the essay or biography. Alternatively, students could focus on a genre such as satire and study a variety of types of satiric literature that could include poems, essays, stories, novels, and drama.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(p. 725) courses.*

ENGL 402
Studies in Authors
3 Credits Weekly (0-0-3)
This course focuses on the works of a single author. In any given year, the author studied and the approach to the works depends on the interests and expertise of the instructor. Through a close examination of the works of a single author, students get a better sense of the social and cultural context in which the author lived and worked. Students also strengthen their knowledge of how the central ideas and techniques of the author developed and changed.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(p. 725) courses.*

ENGL 405
Topics in Canadian Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of Canadian literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to Canadian literature. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(p. 725) courses.*

ENGL 481
Post- Colonial Theory and Practice
3 Credits Weekly (0-0-3)
This course surveys the key works in post-colonial theory, validating the status of post-colonial literature as a vibrant segment of contemporary writing in English. Seminal thinkers and significant scholars such as Frantz Fanon, Edward Said, Aimé Césaire, Gayatri Chakravorty Spivak, and Robert Young are covered. Postcolonial theory is meaningfully used as a tool for in-depth analysis of major primary texts, representing various regions, political perspectives, and cultural affiliations. While most of the works studied are written in English, postcolonial texts translated into English may be included. Authors such as Chinua Achebe, Salman Rushdie, Nadine Gordimer, Arundhati Roy, V.S. Naipaul, and Ahdaf Soueif are studied.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(p. 725) courses.*

ENGL 489
Literary Themes, Traditions, and Phenomena
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study works that deal with a single theme, such as the outsider or decadence; or works that exemplify a single tradition, such as naturalism or the Arthurian tradition; or works that exemplify a particular phenomenon, such as imagism or literary forgeries.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 491
Early and Later Middle English
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more detail one or more authors and/or genres of Early and Later Middle English. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 492
Elizabethan/17th Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study one or more authors and/or genres of Elizabethan and seventeenth century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 493
Restoration/Eighteenth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of Restoration and Eighteenth Century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C - in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 494
Nineteenth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of nineteenth century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depends on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C - in 12 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 495
Twentieth Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of twentieth-century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author(s) studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300- level ENGL *(*p. 725*) courses.*

ENGL 496
Intersections - Theory and Culture
3 Credits Weekly (0-0-3)
Focused on the ways in which critical theory exposes, critiques, and/or participates in literary and cultural movements, this course provides students with the opportunity to study critical theory within the context of the cultural trends it defines and exemplifies. Sections could be organized around any number of topics, including (but not limited to) the rise and fall of deconstruction, the death of the author, communal individuality, hypertext and post humanity, race and performativity, literary Marxism, the text and the unconscious, discourse and power, postmodern subjectivities, and the ethical turn.
Prerequisites: A minimum grade of C- in ENGL 267, 391, 392, 393, or 394 and in 9 credits of 200- or 300-level ENGL *(*p. 725*) courses.*

ENGL 497
Twenty-First Century Literature
3 Credits Weekly (0-0-3)
This course gives students the opportunity to study in more depth and detail one or more authors and/or genres of twenty-first century literature. Students have the opportunity to design and undertake independent research, write a major paper, participate in seminar discussions, and strengthen their grasp of theoretical concepts relevant to literature written during this period. In any given year, the author/s studied and the approach to the works depend on the expertise of the instructor. For detailed information about the current course offering, please consult the English Department.
Prerequisites: Minimum grade of C- in 12 credits of 200- or 300-level English courses.

ENGL 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

ENGL 499
Honours Thesis Seminar
3 Credits Total (0-0-45)
ENGL 499 is a required seminar-style course for all students writing their Honours Thesis with a designated faculty supervisor. Taught by a single instructor, the course provides instruction, guidance, and constructive feedback for students throughout the term, specifically related to methodology, argumentation, writing, editing, revising, and presenting. Classes combine explicit instruction in these areas with peer review and wellness check-ins to ensure students have the skills they need and remain on track during the thesis-writing process. Readings include sources in critical methodology, literary studies, and composition. Throughout the term, students also work with their designated faculty supervisor, who provides subject-specific expertise and content-related direction.
Prerequisites: A minimum grade of B- in ENGL 399.

ENPH – Physics (Engineering)

ENPH 131
Engineering Mechanics - Dynamics
4.3 Credits Total (45-18-15)
This is a calculus based course intended for engineering students. It is an introduction to the kinematics and dynamics of particles. Topics include kinematics, dynamics, systems of particles, work and energy, linear momentum, rotational motion, angular momentum, gravitation and an introduction to the dynamics of rigid bodies. Note: Restricted to engineering students.
Prerequisites: Minimum grades of C- in MATH 100 and ENGG 130.

ENVS - Environmental Science

ENVS 300
Principles of Environmental Science
3 Credits Weekly (3-1.5-0)
This course provides an introduction to the interdisciplinary nature of environmental science. Students will learn about the relationships between geological materials, air, water, soil, and ecosystems, and the interconnections between ecology, Earth science, and chemistry. Human interactions with the environment and environmental change will be examined on local and global scales by exploring issues such as climate change (past, present, and future), environmental pollution, environmental monitoring and remediation, endangered species, habitat loss, and land reclamation. Aspects of environmental policy and assessment will be introduced.
Prerequisite: Minimum grades of C- in BIOL 208, EASC 102, EASC 221, and CHEM 261.

ENVS 398
Independent Study
3 Credits Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading of primary and secondary sources. The student plans, executes, and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise their project. This course can be taken twice for credit.

ENVS 492
Environmental Sciences Work Integrated Learning
3 Credits Total (0-0-90)
The student engages in work integrated learning in environmental sciences in a professional setting that would typically last for one semester. Any placement needs department approval. After the successful completion of the placement, there is a critical analysis/demonstration of the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement. Consent of the Department is required.

ENVS 495
Special Topics in Environmental Sciences
3 Credits Weekly (0-0-3)
This course involves reading, discussing, and critically evaluating current research on specialized topics in Environmental Science. Topics covered vary with the interests of students and faculty. Note: This course is intended for students in the final year of their degree. This course may be taken twice for credit, provided the course topic is different.

ENVS 498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading of primary and secondary sources. The student plans, executes, and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise their project. This course can be taken twice for credit.
Prerequisites: A minimum grade of B- in at least one 300-level course in Biological Sciences, Chemistry, or Earth and Planetary Sciences; faculty mentors may require specific prerequisites according to the project needs.

EOPT – ESL Options

EOPT 060
Pronunciation I
5 Credits Weekly (7-0-0)
Pronunciation I is intended for students at the high beginning to low intermediate level. The course covers a variety of pronunciation principles to help students increase their intelligibility and develop strategies to improve their overall communication. A variety of speaking tasks ranging from informal to formal presentations give students an opportunity to develop confidence and fluency.
Prerequisites: A minimum grade of C in ESPL 081 or ESPL 082; equivalent score on the placement test.

EOPT 061
Pronunciation II
5 Credits Weekly (7-0-0)
Pronunciation II is intended for students at the high intermediate to advanced level. The course covers a variety of pronunciation principles aimed at improving students' intelligibility and effectiveness in oral communication. A variety of speaking tasks including speech recordings and informal/ formal presentations give students an opportunity to refine their oral English.
Prerequisites: A minimum grade of C in ESPL 083, ESPL 084, ESPL 085; or equivalent score on the placement test.

EOPT 063
Computer Skills For ESL II
5 Credits Weekly (7-0-0)
Computer Skills for ESL II covers intermediate computer skills for language learning. Word, Excel, PowerPoint and databases are covered as well as more advanced Internet searches, deep net searches and evaluating web sites. Students complete language learning activities that require the use of computer applications and software.
Prerequisites: Minimum grade of B- in ERDW 082 and ESPL 082 or equivalent on the placement test.

EOPT 064
Academic Vocabulary I
5 Credits Weekly (7-0-0)
Academic Vocabulary I is intended for students at the intermediate level who need to expand their academic vocabulary for further studies. This course focusses on the 400 most frequently used word families from the Academic Word List. A variety of activities and strategies are used to help students integrate new vocabulary into their daily language use.
Prerequisites: A minimum grade of C in ERDW 081 or ERDW 082; or equivalent score on the placement test.

EOPT 065
Academic Vocabulary II
5 Credits Weekly (7-0-0)
Academic Vocabulary II is intended for students at the advanced level who need to expand their academic vocabulary in preparation for further study. It introduces 400 word families from the Academic Word List. A variety of strategies and activities are used to help students integrate the new vocabulary into their daily language use.
Prerequisites: A minimum grade of C in ERDW 083, ERDW 084, ERDW 085; or equivalent score on the placement test.

EOPT 066
Grammar I
5 Credits Weekly (7-0-0)
Grammar I is intended for students at the low intermediate level. It covers simple and progressive aspects, declarative, negative and interrogative sentences, word forms/word families and word order in simple, compound and some complex sentences.

EOPT 067
Grammar II
5 Credits Weekly (7-0-0)
Grammar II is intended for the high intermediate student who needs a high level of grammatical accuracy for academic or professional communication. It covers complex sentences, clauses and phrases, the passive voice, and the progressive and perfective aspects. Word order and correct word forms in complex structures will be emphasized.
Prerequisites: A minimum grade of C in ERDW 082.

EOPT 068
Research Writing
5 Credits Weekly (7-0-0)
This course prepares advanced level ESL students for post-secondary studies by taking them through all the stages of writing a research essay from topic development through writing, referencing and presenting the paper. The research component focuses on the university's library databases and other resources.
Prerequisites: A minimum grade of C in ERDW 084.

EOPT 069
Basic Vocabulary and Grammar
5 Credits Weekly (7-0-0)
Basic Vocabulary and Grammar prepares incoming ESL students for further study in ESL by focusing on vocabulary development and correct grammar for basic writing. Students develop their vocabulary through individual and group projects exploring strategies for academic success and develop their ability to express their ideas in simple grammatically correct sentences.
Prerequisites: Placement Testing.

ERDW – ESL Reading and Writing

ERDW 081
Intermediate Reading and Writing I
5 Credits Weekly (7-0-0)
Intermediate Reading and Writing I allows the students to develop reading skills through reading adapted text at the low intermediate level. They write with improved fluency and grammatical accuracy and prepare for further study. High frequency vocabulary from the Academic Word List is introduced.
Prerequisites: IELTS 4.

ERDW 082
Intermediate Reading and Writing II
5 Credits Weekly (7-0-0)
Intermediate Academic Reading and Writing II allows the students to develop reading skills through reading adapted text at the intermediate level. Students will continue to build fluency and grammatical accuracy in writing using more complex sentence structures. Students learn to scan for details, interpret maps and tables, take notes, organize information, and use reference sources such as dictionaries. Vocabulary from the Academic Word List is continued.
Prerequisites: IELTS 4#5; or equivalent score on the placement test; or a minimum grade of C in ERDW 081.

ERDW 083
Advanced Reading and Writing I
5 Credits Weekly (7-0-0)
Advanced Reading and Writing I allows the students to develop reading and writing skills required to succeed in post-secondary education. Students continue to develop skimming, scanning, predicting, and summarizing skills, and build fluency and grammatical accuracy in writing using more complex sentence structures. Paragraph and essay writing is covered in conjunction with a review of grammar. Vocabulary from the Academic Word List is continued.
Prerequisites: IELTS 5.

ERDW 084
Advanced Reading and Writing II
5 Credits Weekly (7-0-0)
Advanced Reading and Writing II allows the students to develop reading and writing skills to succeed in post-secondary education. This level focuses on comprehension and interpretation of complex English texts and vocabulary. Grammatical accuracy is emphasized. Students are expected to practice note-taking and write essays in a logical, well-organized manner. Speed reading is also continued. Academic vocabulary is enhanced and put into practice.
Prerequisites: IELTS 5#5; or equivalent score on the placement test; or a minimum grade of C in ERDW 083.

ERDW 085
Reading and Writing for Academic Purposes
5 Credits Weekly (7-0-0)
Reading and Writing for Academic Purposes is intended for students who require an academic level of English reading and writing for re-entry into a profession or entry into a high school upgrading program or post-secondary education. Students access material and topics at a post-secondary and professional level. The course includes discussion and analysis of literary works. Non-fiction texts are studied and interpreted for content, purpose, and writing style. Clarity of expression in written work is emphasized.
Prerequisites: IELTS 6#0; or equivalent score on the placement test; or a minimum grade of C in ERDW 084.

ESPL – ESL Listening and Speaking

ESPL 081
Intermediate Listening and Speaking I
5 Credits Weekly (7-0-0)
Intermediate Listening and Speaking I develops a level of oral fluency in English that allows students to be successful if they choose to pursue further academic studies. New vocabulary and sentence structures are practiced to encourage incorporation into the students' daily language use. Topics are introduced which provide a medium for learning to make requests, to give and understand directions and instructions, to ask for clarification and to talk about what was learned.
Prerequisites: IELTS 4#0 or equivalent score on the placement test.

ESPL 082
Intermediate Listening and Speaking II
5 Credits Weekly (7-0-0)
Intermediate Listening and Speaking II places emphasis on greater clarity of oral expression, the ability to comprehend oral instructions and messages, and the ability to paraphrase. Expansion of vocabulary and continuing development of accuracy in speaking tasks is essential at this level.
Prerequisites: IELTS 4#5; or equivalent score on the placement test; or a minimum of C in ESPL 081.

ESPL 083
Advanced Listening and Speaking I
5 Credits Weekly (7-0-0)
In Advanced Listening and Speaking I, students develop a variety of oral skills required to complete post-secondary coursework successfully. Students participate in discussions based on reading or listening assignments and give short oral presentations. Grammatical accuracy in speaking is emphasized. Pronunciation/intelligibility strategies are addressed as required.
Prerequisites: IELTS 5#0; or equivalent score on the placement test; or a minimum of C in ESPL 082.

ESPL 084
Advanced Listening and Speaking II
5 Credits Weekly (7-0-0)
In Advanced Speaking and Listening II, students develop their listening skills to be able to comprehend complex academic material such as university level lectures. Students are expected to participate in group discussions on highly complex topics, prepare and deliver well-researched oral presentations supported by PowerPoint presentations or other visual support. Grammatical accuracy and breadth of vocabulary are emphasized.
Prerequisites: IELTS 5#5; or equivalent score on the placement test; or a minimum of C in ESPL 083.

ESPL 085
Listening and Speaking for Academic Purposes
5 Credits Weekly (7-0-0)
Listening and Speaking for Academic Purposes is intended for students who require academic level oral comprehension and fluency for post-secondary studies or high school upgrading. The course includes discussion and analysis of lecture and other high-level listening material. A high degree of oral fluency with clear expression of complex ideas is expected in the course. Both formal presentation skills and note taking skills are developed.
Prerequisites: IELTS 6#0; or equivalent score on the placement test; or a minimum of C in ESPL 084.

FNCE – Finance

FNCE 301
Introductory Finance
3 Credits Weekly (3-0-0)
Students are introduced to corporate financial decision-making concepts, tools and models for financial analysis. Financial policies are examined with a view to maximizing the value of the firm. Topics include financial markets, debt and equity financing, market efficiency, models for valuing stocks, bonds, risk measures, risk reduction, dividend policy, capital budgeting, and the valuation and selection of assets.
Prerequisites: ACCT 311 or ACCT 161 or ACCT 201 AND one of FNCE 113 or MGTS 113 or MGTS 103 or STAT 151 or STAT 161 or ACCT 215, OR a current BA or BSc student with min grades of C- in ECON 101, one of STAT 151 or STAT 161, and second-year standing.

FNCE 303
Personal Finance
3 Credits Weekly (3-0-0)
This course explains the personal financial planning processes and concepts fundamental to achieving short-term to long-term goals. Students will learn how to assess a current financial position, set financial goals, and identify the components of a comprehensive financial plan. Topics include financial planning, time value of money, consumer credit including mortgages, taxation, insurance, investments including essential investment considerations, retirement and estate plans.
Prerequisites: MGTS 113 or ECON 101.

FNCE 401
New Venture Financing
3 Credits Weekly (3-0-0)
Students acquire the basic knowledge required to plan, start and finance a new business venture. Students learn how to transform a business idea into a business proposal by designing a business plan that addresses key questions such as: identifying business opportunities, valuing a business proposal with emphasis on the venture capital method, mobilizing resources through estimating financial needs; and finally, raising new capital. Additional topics include the dynamics of the venture capital industry; angel capitalists and their importance in promoting the creation of new firms; and corporate entrepreneurship.
Prerequisites: FNCE 301 ACCT 322 LEGL 210.

FNCE 404
International Finance
3 Credits Weekly (3-0-0)
This course covers the concepts of international financial management in global business. Students learn how the foreign exchange and global financial markets operate, how currency risks and international financial investments can be managed, and how international trade may be financed. The key topics covered in this course include workings of the foreign exchange market, determination of foreign exchange rates, the forward exchange market, currency options, covered interest arbitrage, the Eurocurrency market, methods of global debt financing, currency and interest rate swaps, and various methods of hedging exposure.
Prerequisites: FNCE 301.

FNCE 406
Valuation and Investment Decision
3 Credits Weekly (3-0-0)
This course provides students applied knowledge on investments and the investment process, and on project and enterprise valuation. Students learn how securities markets work, how to develop an investment plan and how to measure risk and return in the context of a portfolio. Students conduct a complete company valuation by using different valuation techniques (Discounted Cash Flow and relative valuation with multiples of comparable companies). The course is aimed at showing students the latest valuation practices used in the industry by illustrating the valuation principles in the context of realistic situations.
Prerequisites: FNCE 301 AND ACCT 322.

FNCE 407
Sustainable Finance
3 Credits Weekly (3-0-0)
This course provides students with a framework for understanding sustainable finance and its relevance in promoting sustainable growth. Students are introduced to sustainable finance systems, such as sustainability indexes, green bonds markets, sustainable asset management, carbon markets, and microfinance. Students learn how to conduct the valuation of sustainable investments, compare traditional and sustainable portfolios and to build a sustainable investment portfolio using ESG and SRI strategies.
Prerequisites: FNCE 301.

FNCE 498
Independent Studies in Finance
3 Credits Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of finance. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance finance knowledge or practice or create meaningful results. Note: This course may be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

FOUN – Foundation

FOUN 100
pimâcihisowin 100
3 Credits Total (3-0-0)
This course is designed to provide students with opportunities to explore and apply Indigenous knowledge in the development of student identity, both within western academia and personally. Through the guidance of Elders/Indigenous Knowledge Holders students will be introduced to the philosophical foundations of Indigenous worldviews and healing practices. Students will participate in a variety of experiential learning activities including community teachings, in-class collaborative projects, visits with guest speakers, and learning from and through the land. Students will be invited to explore, assess and reflect upon their own stories to learn and unlearn. The course will provide a foundation for the ongoing development of healthy coping mechanisms, communication and advocacy within western academia. This course provides students practical strategies and skills required to be successful in university.
Prerequisites: Be enrolled in the pimâcihisowin program.

FOUN 101
Foundations 101
3 Credits Total (3-0-0)
The foundational course series provides academic awareness and competence in three specific areas: strategy skills and knowledge, intercultural identity and awareness, and technological tools and communication. All three areas will support the development of academic autonomy and an understanding of post-secondary education in Canada. Foundation 101 provides students with learning tools and strategies to support academic success in a post-secondary environment.

FREN – French Language

FREN 111
Introductory French I
3 Credits Weekly (5-0-0)
This is a course for students with little or no previous background in French. Students learn basic French grammatical structures and a wide variety of vocabulary. Oral comprehension, speaking, reading and writing are all emphasized, and students are introduced to aspects of the French-speaking world. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in French 30 or equivalent cannot receive credit for this course. Students with credit in French 20 must consult the department coordinator prior to registration.

FREN 112
Introductory French II
3 Credits Weekly (5-0-0)
In this sequel to FREN 111, students continue to develop their skills in oral comprehension, speaking, reading and writing, as well as their understanding of the French-speaking world. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in French 30 or equivalent cannot receive credit for this course.
Prerequisites: Minimum grade of C- in FREN 111 or successful completion of French 20 or equivalent.

FREN 211
Intermediate French I
3 Credits Weekly (5-0-0)
This course aims to strengthen the students' speaking, listening, reading and writing skills. It includes an extensive grammar review, and a cultural overview of the French-speaking world. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes those students with credit in French Language Arts 30 or equivalent.
Prerequisites: A minimum grade of C- in FREN 112, or successful completion of French 30 or equivalent.

FREN 212
Intermediate French II
3 Credits Weekly (5-0-0)
In this sequel to FREN 211, students continue to develop their speaking, listening, reading and writing skills and to expand their knowledge of grammar and culture of the French-speaking world. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.
Prerequisites: A minimum grade of C- in FREN 211.

FREN 297
Advanced French I
3 Credits Weekly (4-1-0)
This course aims to improve the students' oral communication and writing skills. Through practice in discussions and compositions based on themes from readings and films, students also expand their knowledge of vocabulary and grammar. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.
Prerequisites: A minimum grade of C- in FREN 212, successful completion of French Language Arts 30, or advanced placement.

FREN 298
Advanced French II
3 Credits Weekly (4-1-0)
In this sequel to FREN 297, students continue to improve their oral communication and writing skills and to expand their knowledge of vocabulary and grammar through practice in discussions and compositions. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.
Prerequisites: A minimum grade of C- in FREN 297.

FREN 321
French Culture and Civilization
3 Credits Weekly (3-0-0)
This course, taught in French, examines the main cultural characteristics of France through reading and discussion about French civilization. Emphasis is placed on historical events, philosophy, literature, and arts in France from late antiquity to modern times.
Prerequisites: A minimum grade of C- in FREN 298 or any 300-level FREN *(p. 739) course.*

FREN 341
Introduction to Translation
3 Credits Weekly (3-0-0)
This course is an introduction to the theory and practice of translation. It offers an overview of the theoretical concepts and strategies involved in translating from English to French, and provides translation practice with a variety of texts.
Prerequisites: a minimum grade of C- in FREN 298 or any 300-level FREN *(p. 739) course.*

FREN 351
French Foundational Fiction
3 Credits Weekly (3-0-0)
A survey of French literature from its inception to the 20th century, this course examines selected works (prose, poetry and theatre) of France's major writers, periods and principle literary movements. Authors and their works are studied within their historical and cultural context to better understand their impact on and contribution to the development and evolution of French literature and the history of ideas. This course is conducted in French.
Prerequisites: A minimum grade of C- in FREN 298 or any 300-level FREN *(p. 739) course.*

FREN 352
French Enlightenment Literature
3 Credits Weekly (3-0-0)
This course is taught in French. Students examine French Literature produced during the age of Enlightenment up to the French Revolution. The readings cover the innovations of the Enlightenment and the political and social crises which ended the Ancien Régime. Students question the prejudices, superstitions, corruption and hierarchies of the period in exemplary literary texts.
Prerequisites: A minimum grade of C- in FREN 298 or any 300-level FREN *(p. 739) course.*

FREN 353
French Theatre
3 Credits Weekly (3-0-0)
This course is taught in French. In this course students read and discuss French plays from dramatists of the seventeenth century to modern era. Students study social, political, historical and cultural contexts of the plays. Representations of class, gender, and the role of language are also considered. This course approaches theatre as text, dramaturgy, spectacle, and role-playing.
Prerequisites: A minimum grade of C- in FREN 298 or any 300-level FREN *(p. 739) course.*

FREN 365
Topics in Francophone Literature
3 Credits Weekly (3-0-0)
In this course, students study a topic in francophone literature. The specific topic focuses on a significant period, tradition, theme, genre or school within francophone literature. The author(s) and work(s) chosen are analyzed and placed within their historical and cultural context. Topics vary and are announced prior to registration. Consult with faculty members in French for details regarding current offerings. This course is conducted in French. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in FREN 298 or any 300-level FREN *(*p. 739*) course.*

FREN 370
Topics in Francophone Culture
3 Credits Weekly (3-0-0)
In this course, students study in depth a topic related to francophone cultures. The specific topic focuses on a theme, tradition, movement, time-frame, or identity within the francophone world. Examples include, but are not limited to, francophone culture through film, la bande dessinée, la chanson française, la culture québécoise, les cultures francophones mondiales. Topics vary and are announced prior to registration. Consult with faculty members in French for details regarding current offerings. This course is conducted in French. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in FREN 298 or any 300-level FREN *(*p. 739*) course.*

FREN 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the project. This course can be taken twice for credit.
Prerequisite: Department Consent Required.

FREN 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the project. This course can be taken twice for credit.

GEND – Gender Studies

GEND 219
Feminist Theories and Foundations
3 Credits Weekly (3-0-0)
This course examines foundational thinking in the history of feminism. It investigates feminism's development as a transnational movement whose theories pervade cultures of the past and present, focusing on such key issues as agitation for political and economic agency, the performativity of gender and sexuality, and the rise of intersectional feminism. As it attends to the affinities and tensions among groups in the movement, it explores how theories have emerged and developed via debates among feminists and in close engagement with the intellectual, political, and social challenges of their times.
Prerequisite: A minimum grade of C- in any 100-level ANTH *(*p. 659*),* CLAS *(*p. 685*),* ECON *(*p. 720*),* ENGL *(*p. 725*),* HIST *(*p. 745*),* PHIL *(*p. 806*),* POLS *(*p. 816*),* PSYC *(*p. 825*), or* SOCI *(*p. 832*) course.*

GEND 319
Indigenous and Postcolonial Feminisms
3 Credits Weekly (3-0-0)
This course examines the construction of gender within Indigenous and postcolonial frameworks. The course explores critical feminist issues and activism through a range of postcolonial theoretical and standpoint orientations. Students begin with a historical understanding of the development of Indigenous and postcolonial feminist theories, and proceed to focus on contemporary gendered effects of colonization, racialization, and imperialism.
Prerequisites: Min C- in GEND 219.

GEND 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

GEND 419
Special Topics in Gender Studies
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in gender studies. The topic for the course varies from year to year and is announced prior to registration. Possible topics include but are not limited to gendered violence, gender and media, trans issues, feminism and food, and queer theory. This course may be taken up to two times provided the topic is different and with permission of the Dean, or delegate, on the recommendation of the Gender Studies Coordinator.
Prerequisites: A minimum grade of C- in GEND 319 or minimum grades of C- in GEND 219 and one of GEND 398, GEND 498, ANTH 308, ANTH 320, ENGL 368, PHIL 333, PSYC 370, SOCI 301, SOCI 430, or SOWK 433.

GEND 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes, and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

GENE – Genetics

GENE 369
Genetic Analysis of Bacteria
3 Credits Weekly (3-0-1)
This course explores the role of bacteria and bacteriophages in the development of molecular genetics. Major topics include mechanisms of genetic exchange and genome plasticity in bacteria, and the replication processes of bacteriophages. Students propose experimental strategies to solve problems related to these topic areas and analyze data. Seminars develop the ability to critically analyze scientific literature through discussion of current and historical research papers.
Prerequisites: Minimum grades of C- in BIOL 205 and BIOL 207.

GENE 370
Genetic Analysis of Eukaryotes
3 Credits Weekly (3-1-0)
Students explore strategies, involving both genetic approaches and molecular methods, utilized in the dissection of biological processes in eukaryotic model systems. Forward and reverse genetic approaches are evaluated for their contribution to our understanding of the complex relationship between genotype and phenotype. The laboratory provides students the opportunity to develop skills employed in the genetic analysis of eukaryotes.
Prerequisites: Minimum grades of C- in BIOL 205 and BIOL 207.

GENE 400
Genome Organization
3 Credits Weekly (3-3-0)
This course is an introduction to the field of genomics and explores the use of high-throughput approaches to examine the organization and expression of genetic material. Emphasis is placed on techniques employed in genomic analysis and their application to current biological questions.
Prerequisites: Minimum grades of C- in GENE 369 and GENE 370.

GENE 404
Investigations into Gene Regulation
3 Credits Weekly (3-0-1)
Students investigate mechanisms of gene regulation in prokaryotes and eukaryotes through a critical analysis of primary literature. Transcriptional, post-transcriptional, translational, post-translational and epigenetic regulatory mechanisms are explored. Students demonstrate their understanding through oral and written analyses.
Prerequisites: Minimum grades of C- in GENE 369 and GENE 370.

GENE 418
Human Genetics
3 Credits Weekly (3-0-1)
This course examines the principles and methods of genetics as they relate to humans as individuals and in populations. Approaches used in the identification and analysis of Mendelian, complex, and chromosomal disorders are investigated with the contextual emphasis on the relationship between basic science and human disease. The relevance of advances in these areas of human genetics to the diagnosis and treatment of genetic diseases is explored.
Prerequisites: A minimum grade of C- in GENE 370.

GERM – German Languages

GERM 111
Introductory German I
3 Credits Weekly (5-0-0)
German 111 is an introductory course for students with limited or no previous knowledge of German. It introduces the sounds of the language, an introductory suite of grammatical structures, tenses and concepts, an essential vocabulary set, as well as a basic linguistic comparison between English and German. Students develop an introductory level of oral/aural comprehension, expression, reading and writing skills. General aspects of geography, history and culture in German-speaking countries are also introduced. Note: Students with native or near-native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes students with credit in German 30, 35 or GERM 100 or equivalent.

GERM 112
Introductory German II
3 Credits Weekly (5-0-0)
This course is a continuation of GERM 111 in which students improve the four language skills of listening, speaking, reading and writing, and broaden their cultural awareness of the German-speaking world. An additional and more challenging set of introductory grammatical structures builds upon the structures and forms acquired in German 111, and vocabulary is expanded to include a wider range of situations. Note: Students with native or near-native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes students with credit in German 30, 35 or GERM 100 or equivalent.
Prerequisites: Minimum grade of C- in GERM 111.

GERM 211
Intermediate German I
3 Credits Weekly (5-0-0)
This course is designed to develop and strengthen oral comprehension, expression, and reading and writing skills acquired in beginner-level courses through the use of authentic written, oral and visual materials. Note: Students with native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes students with credit in German 30, 35 or GERM 100 or equivalent.
Prerequisites: Minimum grade of C- in GERM 112 or successful completion of German 30 or 35.

GERM 212
Intermediate German II
3 Credits Weekly (5-0-0)
This course is a continuation of GERM 211 and is designed to further develop and strengthen oral comprehension, expression, and reading and writing skills acquired in GERM 211 through the use of authentic written, oral and visual materials. Note: Students with native proficiency in German cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes students with credit in German 30, 35 or GERM 100 or equivalent.
Prerequisites: Minimum grade of C- in GERM 211.

GREK – Greek

GREK 101
Introductory Greek I
3 Credits Weekly (3-1-0)
This course introduces students to ancient Greek. Students learn the Greek alphabet, a core vocabulary and elements of Greek grammar. Students also read and translate simple Greek texts. Students meet with their instructor for four hours per week, one of which is a lab. Lab hours are dedicated to revision, review, quizzes, tests, etc. Note: Students with a proficiency level beyond this course may be directed to a higher-level course. This includes those students with credit in Greek 30 or 35.

GREK 201
Intermediate Greek
3 Credits Weekly (3-1-0)
This course is a continuation of GREK 101. Students continue to study the elements of ancient Greek grammar, to acquire additional vocabulary and to read and translate simple texts, building towards the ability to read selected, unmodified passages of original ancient Greek. Students meet with their instructor for four hours per week, one of which is a lab. Lab hours are dedicated to revision, review, quizzes, tests, etc. Note: Students with a proficiency level beyond this course may be directed to a higher-level course. This includes those students with credit in Greek 30 or 35.
Prerequisites: Minimum grade of C- in GREK 101.

GREK 398
Independent Study in Ancient Greek
3 Credits Total (0-0-45)
In this course, students will advance their study of ancient Greek by reading an original-language prose text with grammatical commentary. Students will identify and translate advanced subjunctive and optative constructions while improving their abilities to translate unmodified ancient Greek; they will also learn how to conduct a short passage analysis in regard to language use, syntax, narrative technique, and/or genre. Texts will be chosen in consultation with the instructor. Students can repeat the course so long as the author being read is different from a prior offering of GREK 398.
Prerequisites: A minimum grade of C- in GREK 102.

GREK 498
Advanced Independent Study in Ancient Greek
3 Credits Total (0-0-45)
In this course, students will advance their study of ancient Greek by reading an original-language verse text with grammatical commentary. Students will improve their abilities to translate ancient Greek while attending to questions of idiosyncratic language and syntax, style, and genre. They will also learn how to conduct a literary close reading of a passage in the original Greek, focusing on language, syntax, and stylistic choices; verse texts will include analysis of metre while prose and oratory will examine common rhetorical devices. Texts will be chosen in consultation with the instructor. Students can repeat the course so long as the author being read is different from a prior offering of GREK 498.
Prerequisites: A minimum grade of C- in GREK 102.

HAPR – Hearing Aid Practitioner

HAPR 101
Bioacoustics of Human Hearing
3 Credits Weekly (3-0-0)
In this foundational course students learn how a normal auditory system functions, as a basis for working with people with hearing loss. Students learn about the acoustic and psychoacoustic properties of sound and how sound is measured, learn about the anatomy of the entire auditory system from the outer ear to the auditory cortex in the brain, and apply their knowledge of acoustics to the physiology of how sound is processed from entering the outer ear to being perceived as sound. Part-time HAPR (p. 743) students must take HAPR 101 in the student's first fall term in the HAPR program.

HAPR 102
Hearing Testing I
2 Credits Weekly (2-1-0)
Students experience simulated hearing loss and learn about the need for hearing testing. Students are provided with an overview of the hearing testing process, learn to use basic hearing testing equipment, and learn to use the standard forms that are used for reporting hearing test results. Students also learn about appropriate test environments and infection control measures. Through hands-on learning and reflective practice, students evaluate testing environments, explore hearing testing equipment, apply appropriate infection control measures, and complete calibration activities. Part-time HAPR (p. 743) students must take HAPR 101 prior to HAPR 102, if HAPR 101 and HAPR 102 are not taken in the same term.

HAPR 103
Hearing Instrument Technology I
4 Credits Weekly (3-2-0)
Students learn about the basic components and characteristics of hearing aids, earmolds, and assistive devices, how to formally and informally evaluate hearing aid function, and how to care for and maintain hearing aids. Through hands-on learning and reflective practice, students familiarize themselves with hearing aids and earmolds, assess hearing aid function, discuss hearing aid troubleshooting, minor repairs and modifications, make ear impressions, and apply appropriate infection control measures when working with hearing aids and earmolds. Part-time HAPR (p. 743) students must take HAPR 101 prior to HAPR 103, if HAPR 101 and HAPR 103 are not taken in the same term.

HAPR 104
The Aging Client
3 Credits Weekly (3-0-0)
This course focuses on the psychological, social and physical transitions that accompany aging and how the changing demographics of an aging population may inform age-friendly community planning, healthcare practices, and public policy. Theories of aging are covered and personal and societal attitudes toward older adults are examined. An overview of aging as it affects the whole person encourages students to reflect on how they may better serve and work with patients who have age-related hearing loss.

HAPR 105
Customer Relations and Communications
3 Credits Weekly (3-0-0)
This course introduces students to the interpersonal skills required for providing high quality service to adult clients who have hearing loss. Students learn about the communication skills necessary for initiating and maintaining positive relationships, the impact of personality types on interpersonal communication, and management of interpersonal relationships. Students also examine their own communication skills, learn communication concepts, and develop and practice the specific interpersonal communication and customer relations skills required for success as a hearing aid practitioner.

HAPR 108
Business Management
3 Credits Weekly (3-0-0)
Students are introduced to the various management functions required to establish and manage a hearing aid dispensing practice. Students learn how and why small businesses are successful in Canada. Students also conduct market research and develop marketing plans, learn about business operations and costs, and develop business and financial plans.

HAPR 110
Hearing Disorders
2 Credits Weekly (2-0-0)
Students learn to interpret and classify the results of hearing testing. Students also learn about hearing disorders and medical conditions, and their associated hearing test results. Note: This course is taken concurrently with HAPR 111 (Hearing Testing II).
Prerequisites: HAPR 102 and a minimum grade of C+ in HAPR 101.
Co-requisites: HAPR 111.

HAPR 111
Hearing Testing II
4 Credits Weekly (3-2-0)
Students learn about case history interviews, otoscopic examinations, air and bone conduction pure-tone tests, speech tests, and masking procedures. Through hands-on learning and reflective practice, students complete and record the results of case history interviews, otoscopic examinations, perform minor equipment troubleshooting, and the basic battery of hearing tests, while using industry-standard infection control measures. Note: This course is taken concurrently with HAPR 110 (Hearing Disorders).
Prerequisites: A minimum grade of C+ in HAPR 101 and HAPR 102.
Co-requisites: HAPR 110.

HAPR 112
Professional Responsibilities
3 Credits Weekly (3-0-0)
This course introduces students to the legislation regulating hearing aid practitioners, the scope of practice for hearing aid practitioners, and the personal and business professionalism and ethics required for success as a hearing aid practitioner.

HAPR 114
Professional Practice
4 Credits Weekly (0-6-1)
In this intensive hands-on course, students integrate knowledge and skills learned in first-year program courses. Students demonstrate an understanding of the various components of hearing testing and apply that understanding through practice, demonstration of skills and reflection.
Prerequisites: Minimum grade of C in HAPR 103, HAPR 105, HAPR 110; Minimum grade of C+ in HAPR 111.

HAPR 201
Interviewing and Counselling
3 Credits Weekly (3-0-0)
Students are introduced to interviewing and counseling practices and procedures required for supporting clients in accepting and coping with hearing loss, and adjusting to and using hearing aids successfully.

HAPR 202
Aural Rehabilitation I
3 Credits Weekly (3-0-0)
In this introductory course, students learn about hearing health promotion through aural rehabilitation and the use of a team approach to providing hearing health care services and support to adults with hearing loss.

HAPR 203
Hearing Instrument Technology II
4 Credits Weekly (3-2-0)
This course focuses on hearing aid programming, the verification of hearing aid fittings and ear mold impressions. Students learn about the hearing aid programming process, the verification of hearing aid settings and functionality, probe microphone measurements, and hearing aid troubleshooting. Additionally, students learn how to safely collect and judge the quality of ear mold impressions.
Prerequisites: Minimum grade of C in HAPR 114.

HAPR 204
Hearing Testing III
2 Credits Weekly (1-2-0)
In the theory portion of this final hearing testing course, students learn about tympanometry, hearing aid pre and post fitting tests, and writing referral letters. Students review the entire hearing testing process, interpretations of test results, making appropriate recommendations and referrals, applying test modifications and infection prevention and control guidelines. In the mandatory lab at MacEwan University in Edmonton, students complete tympanometry testing, practice completing the standard test battery, complete a practical exam consisting of a full hearing test with a client, write referral letters to physicians, and discuss special tests that are not considered part of the standard test battery. Note: This course is taken concurrently with HAPR 211 (Hearing Instrument Technology III).
Prerequisites: Minimum grade of C in HAPR 114.
Co-requisites: HAPR 211.

HAPR 210
Aural Rehabilitation II
3 Credits Weekly (3-0-0)
In this final aural rehabilitation course, students learn to incorporate aural rehabilitation principles into practice with individuals and groups to promote successful communication, with a specific focus on older adults.
Prerequisites: HAPR 202.

HAPR 211
Hearing Instrument Technology III
4 Credits Weekly (3-2-0)
In the final hearing instrument technology course, students focus on the selection of appropriate hearing aids and assistive accessories for individual adult clients, the support of clients throughout the fitting and follow up period, and the evaluation of the overall success of hearing aid fittings. In the mandatory lab at MacEwan University in Edmonton, students review the characteristics of current hearing aid technology, are exposed to the wide variety of hearing aid technology that is available in the field, and review the hearing aid selection, fitting, and follow up process from start to finish.
Prerequisites: HAPR 203.
Co-requisites: HAPR 204.

HAPR 212
Field Placement
4 Credits Total (0-0-210)
Students integrate knowledge and skills from all previous program courses as they complete seminar activities and work with clients in hearing aid dispensing clinics, under the direct supervision of experienced hearing aid dispensing professionals.
Prerequisites: Minimum grade of C in HAPR 104, HAPR 108, HAPR 112, HAPR 114, HAPR 201, HAPR 204, HAPR 210, and HAPR 211.

HEED – Health Education

HEED 110
Introduction to Personal Health and Well-Being
3 Credits Weekly (3-0-0)
An individual-based analysis of physical fitness and personal health and wellness. Emphasis is on planning and managing one's own lifestyle for health and well-being within the context of the current health care system.

HEED 120
Introduction to the Biological Aspects of Fitness to Health
3 Credits Weekly (2-1-0)
A biological analysis of the contributions of physical activity and exercise to fitness and long-term health. Emphasis is on the introduction of training principles, health-related components of physical fitness, exercise and physical activity guidelines, and the application of these concepts for determination of physical fitness, individual long-term health outcomes, and preventable disease. Note: Credit will be granted for only one of HEED 120 or HEED 220.

HIST – History

HIST 100
Introduction to History
3 Credits Weekly (3-0-0)
This course introduces students to the practice of history and the methods by which historians research and think about the past using selected topics in world history as a foundation for study. In learning about each topic, students are encouraged, through practical exercises and assessment strategies, to think historically and to acquire the essential research skills that underpin history as a discipline. Students consider the quality and authenticity of sources, the nature of historical causation, and the role of the historian in the evaluation and interpretation of evidence. Overall, this course is designed to hone students' critical faculties, interpretive skills, and writing abilities while stimulating their intellectual curiosity about the past.

HIST 101
Foundations of the Modern World before c.1500 C.E.
3 Credits Weekly (3-0-0)
This course introduces students to what historians call the 'modern' world in the period between c.500 and 1500 C.E. The underlying theme of the course is that this period has seen an increasing interconnectedness between human societies, leading to the globalised world in which we live. Students study topics such as trade patterns, intellectual exchange, religious movements, health, wellness and the environment, state and empire building, war, conquest and diplomacy, and the spread of disease, goods and ideas. They learn to understand the processes that increased global interaction, both voluntary and forced, and spawned conflicts, both economic and political.

HIST 102
Foundations of the Modern World from 1500 C.E. to the Present
3 Credits Weekly (3-0-0)
This course introduces students to what historians call the 'modern' world in the period from the sixteenth century to the present. The underlying theme of the course is that this period has seen an increasing interconnectedness between human societies, leading to the globalised world in which we live. Students study topics such as trade patterns, colonialism, imperial expansion and contraction, religious, artistic and intellectual change, the immense socio-economic transformation springing from industrialisation, and modern ideologies like liberalism, socialism, nationalism and racism. They learn to understand the processes that increased global interaction, both voluntary and forced, and spawned conflicts, both economic and political.

HIST 204
Judaism, Christianity, Islam
3 Credits Weekly (3-0-0)
This course introduces students to the intertwined histories of three major world religions: Judaism, Christianity, and Islam. These three traditions share several core assumptions about the identity of God and the relationship between divinity and humanity. At the same time, they have also developed in unique ways over the millennia, so that each tradition both differs from the others and contains rich diversity within itself. By focusing on cultural, intellectual, and political exchange across these traditions, this course prepares students to understand how such exchange continues to shape our world today.

HIST 205
Medieval Europe
3 Credits Weekly (3-0-0)
This course introduces the student to the important events, developments and themes in medieval European history from Charlemagne to the Black Death. Discussion of social and political topics such as feudalism and manorialism, growth of legal systems, political theory and the rise of medieval states, the Crusades, medieval warfare, and the Holy Roman Empire are connected to cultural and intellectual themes related to Muslims in Iberia, urbanization, reform of the Catholic Church, and the rise of universities.

HIST 206
Early Medieval Britain Before 1066
3 Credits Weekly (3-0-0)
This course examines the development of the distinct regions of the British Isles and Ireland before the eleventh century. Focusing on a period rich in mythology surrounding larger than life characters such as Boudica, King Arthur, St. Patrick, Offa of Mercia, Alfred the Great, Ivar the Boneless, and MacBeth and his wife, Gruoch, this course explores the historical context behind these figures by examining the political development of the British Isles and the foundation of the relationships forged between England, Scotland, Ireland and Wales.

HIST 207
Medieval Britain: The British Isles, 1066-1450
3 Credits Weekly (3-0-0)
This course provides a history of the British Isles starting in the long twelfth century and culminating in the middle of the fifteenth century. This period in British history witnessed considerable social, political, cultural, and economic change punctuated by major epidemics, rebellions, and wars, as well as significant literary, artistic, and technological innovations. Students will explore these major events by examining the contexts in which they occurred and the impact they had on internal and domestic relations across the British Isles.

HIST 209
Early Modern European History
3 Credits Weekly (3-0-0)
This course is a survey of European history from the Renaissance to Napoleon. Often seen as one of the most dynamic periods in European history, early modern Europe experienced rapid social, cultural, political and economic change that created new opportunities and challenges for every level of European society. In this course, students consider the evolving economy and society, the basic facts of life for the majority of Europe's peoples. They learn how the religious and intellectual unity of western culture fragmented and dissolved under the impact of new ideas and examine the nature of politics, the rise and fall of empires and the emergence of nation states.

HIST 210
Modern Europe 1789 - Present
3 Credits Weekly (3-0-0)
This course is a survey of European history from the French Revolution to the present. It considers both how modern Europe's dramatic ascension impacted the wider world and how colonial developments reverberated on the continent. The course starts with the twin upheavals of the French and Industrial Revolutions; charts their political and socio-economic fallout in the form of new ideologies, nation-states, social classes and technologies; and shows how nationalist rivalries and a new form of racism fueled a scramble for colonies across the globe. It then analyses Europe's self-destruction in two world wars and the Holocaust; the decolonization process; and the emergence of a continent divided by the Cold War until the collapse of the Soviet Union. It concludes with a discussion of the European Union's future. Instructors may incorporate a diverse selection of sources—paintings, political pamphlets, memoirs, poetry, novels, music, and/or film—to highlight how the religious, national, class, racial and gender boundaries of modern Europe have changed over time.

HIST 211
Early Modern Britain: The British Isles, 1400-1750
3 Credits Weekly (3-0-0)
This course introduces the student to a period in the history of the British Isles characterized by dynamic political, social, economic and cultural change. Between 1400 and 1750, England, Scotland, and to a lesser extent Wales and Ireland, underwent religious reform, witnessed the birth of the nation-state, saw their economic capacities expanded, and began to engage in colonial imperial activities. This course explores one of the most transformative periods in 'British' history.

HIST 212
History of Modern Britain: Industry, Democracy, Empire, 1750-present
3 Credits Weekly (3-0-0)
Britain was a central actor in the social, economic, political, military, and cultural transformations of the modern world. By the nineteenth century, it projected unparalleled economic and political might. Following a brief review of the social, political and cultural inheritance of previous centuries, this course examines the path to democratic politics and liberal modernity; the social and economic transformations of the industrial revolution; the politics of class consciousness; and the electoral and social reforms of the Victorian era. With a global lens, the course traces the emergence of Britain as an Atlantic and global power; considers the impact of British imperial might on the rest of the world; and assesses the extent to which colonial encounters impacted British domestic society. Moving to the twentieth century, the course examines the impact of the world wars; the transition from a warfare to welfare state; the politics of decolonization and decline; European integration; and the causes and consequences of Brexit.

HIST 214
The Celtic Crescent before 1801
3 Credits Weekly (3-0-0)
This course examines the development of the Celtic regions of the British Isles and Ireland prior to the creation of the United Kingdom of Great Britain and Ireland in 1801. Some historians have argued that it is in this period that the modern sense of Celtic identity has its roots. Important to this development is the fact that Ireland, Wales, and Scotland are often subsumed under the title "Celtic" and shared a common experience through their interactions with the English. Yet, most scholarship and popular culture portray the Celtic regions of Britain in an undifferentiated manner. This course explores the unique histories of the Celtic regions of the British Isles as well as their shared cultural links and experiences within the region. Topics may include: Roman Britain, King Arthur, the Celtic Church, Picts and Dalriada, the Vikings, Strong Bow in Ireland, Manx Kingship, Owain Glyndwr, Kin Networks, Celtic Identity, Art and Language, Plantation and Colonialism, Resistance, and Incorporation.

HIST 215
Modern France
3 Credits Weekly (3-0-0)
This course situates developments in French literature, philosophy and art in the context of the nation's tumultuous political history from the eighteenth century to the present day. It traces changing conceptions of class, nationality, gender, selfhood and aesthetics through the momentous cultural and political ruptures that have characterized life in France and its colonies since the great revolution of 1789.

HIST 250
American History to 1865
3 Credits Weekly (3-0-0)
This course is a survey of American history to the Civil War. Beginning with the early colonial ventures in Virginia and New England, the course traces the development and expansion of the American federation through the War of Independence, the Mexican-American war, and the Civil War. The American political experiment with constitutional democracy and the development of the party system are examined. The course also identifies and examines important social issues including the treatment of Aboriginal people, slavery and the rights of women.

HIST 251
American History Since 1865
3 Credits Weekly (3-0-0)
This course is a survey of American history since the Civil War. Beginning with Reconstruction, this course traces the social, political, and economic transformation of America as it developed into a global superpower. The industrial and consumer-based society forms the backdrop for the political, social, and geo-political changes: from populism and progressivism to the Reagan revolution, xenophobia to civil rights, isolationism to the Iraq War.

HIST 260
History of Canada to 1867
3 Credits Weekly (3-0-0)
This course surveys Canadian history before 1867. Attention is given to both the French and English empires, the conflicts that occurred, and the social and political development of the colonies. Special consideration is given to the interactions between these imperial and colonial societies and Aboriginal people. The expansion of the European empires to the Pacific coast is also covered. The course concludes with the Confederation process in British North America.

HIST 261
History of Canada Since 1867
3 Credits Weekly (3-0-0)
This course surveys Canadian history since 1867. It examines the people, forces and events that have shaped the history of this country, its society, its institutions and its identity. This course provides not only a foundation for further study in Canadian history but also the knowledge necessary for effective citizenship.

HIST 281
Asia Since A.D. 1500
3 Credits Weekly (3-0-0)
This course is a survey of Asian history since 1500. The focus is on East Asia, including China and Japan, with complementary sections on Southeastern and Southern Asia. The emphasis is on the socio-cultural, economic, and political history of the region as well as relations with other countries and empires in the global community.

HIST 282
History of Modern Japan
3 Credits Weekly (3-0-0)
This course presents a survey of modern Japanese history beginning with the Meiji Restoration in 1868. Focusing on the major political, social, economic, military, and diplomatic themes, Japan's evolution as a modern state will be examined. Major topics may include the birth of liberal democracy, imperialism and empire, militarism, the Pacific War, and Japan's postwar rise as an economic superpower.

HIST 291
Topics in Political and International History
3 Credits Weekly (3-0-0)
This intermediate-level course surveys political and international world history with a focus on a particular conceptual topic. The topics are broad-based themes which have political or international consequences; the time period of study may vary from the late middle ages to the present. Examples of topics that might be covered are warfare, state formation and nation-building, the exercise of imperialism both formal and informal, global trade, or the development of political ideologies like liberalism, nationalism and socialism.

HIST 292
Women's History
3 Credits Weekly (3-0-0)
This course focuses on the diverse experiences of women in the past, using an array of sources to contextualize their aspirations, struggles, and accomplishments. Lectures, readings, and discussions are designed to introduce the field's key concepts and debates while focusing on a particular period and region selected by the instructor. The course highlights female agency in the face of various structural obstacles and cultural forces, while exploring how sex and gender intersect with other categories such as age, class, race, nationality, sexuality, and religion to shape women's identities and day-to-day lives.

HIST 294
History of Science and Technology
3 Credits Weekly (3-0-0)
This course surveys important themes, traditions, people and institutions of Western science, technology and medicine. It familiarizes students with an important aspect of European/Western culture and serves as an introduction to the history of science and technology. This course emphasizes how individuals and societies have understood and explained the natural world and their place in it, and how they have approached and justified the investigation of that world.

HIST 300
Making History: Theory and Methods in History
3 Credits Weekly (2-0-1)
History is an academic discipline whose practitioners make a systematic study of the complexity, variety, and change of human ideas, behaviours, and actions across time. Historians gather, assess, analyze, and organize information to create knowledge about the past. This course examines the process of making history. It includes discussions about both the nature of historical evidence and the methods historians use. It also introduces students to basic questions and issues concerning the nature of our knowledge of the past.
Prerequisites: Minimum grade of C- in HIST 100 or 6 credits of senior HIST *(p. 745).*

HIST 301
Topics in World History
3 Credits Weekly (3-0-0)
This intermediate-level course examines world history through the in-depth study of a particular topic selected by the instructor. Examples of topics include, but are not limited to, the environment, international conflicts, the status of women, slavery, childhood, revolution, or pandemics. Students can take this course up to three times provided the topic is different.
Prerequisites: Minimum grade of C- in any 100- or 200-level HIST *(p. 745) course.*

HIST 304
History of Christianity
3 Credits Weekly (3-0-0)
In this course, students explore the rich diversity of Christian perspectives that predominated from antiquity through the early modern period. Students work through seminal texts in the history of Christian thought and practice. By exploring more than just the works that were later declared orthodox, students learn about the many alternative Christianities that flourished in the past, ranging from the Gnostics of ancient Egypt to radical reformers leading peasant revolts in early modern Europe. Listening to these alternative voices, while also placing Christian history into intimate conversation with Judaism and Islam, allows students to engage with Christianity not as a closed book, but as an open conversation across the centuries.
Prerequisites: A minimum grade of C- in 3 credits of 200-level HIST *(*p. 745*) courses.*

HIST 306
Urban Europe: City and Society, 1450-1850
3 Credits Weekly (3-0-0)
This intermediate-level course explores the European "City" as a major site for social, cultural, economic and political exchange and a site wherein urban actors identified with the multiple communities that formed within city limits. Central to the discussion of the European City is the impact that the national and international flow of ideas, culture, people, goods and capital had on urban centres across Europe over time. Topics include urban sights, sounds, and smells; street-corners and squares; community; built environments; gender and agency; occupation and social status; marginalization; demographic change; and urbanization.
Prerequisites: Minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course.*

HIST 308
Europe in the Age of Renaissance and Reformation
3 Credits Weekly (3-0-0)
This intermediate-level course explores some of the major themes in the history of Europe from the late fourteenth to the early seventeenth century. Its focus is on cultural, intellectual, and religious history, including the rise of humanism, developments in education, arts and literature, the Protestant and Catholic Reformations, and philosophical and scientific innovations. This exploration of key moments in European history is set within the appropriate political and social contexts of these developments, including the emergence of the nation state, the rise of printing, significant demographic change, and the beginnings of European overseas empires.
Prerequisites: Minimum grade of C- in one of HIST 100, 101, 205, 209.

HIST 309
Crime and Society in Early Modern Europe
3 Credits Weekly (3-0-0)
This intermediate-level course investigates some of the major themes in the social history of Early Modern Europe from the onset of the Black Death to the Enlightenment. Students focus on the shifts in social, political, economic, and cultural attitudes that ushered in new ideas on crime and regulation, poverty and social discipline. Lecture topics and assigned reading materials describe how these ideas affected the peoples of Western Europe and contributed to a variety of ways individuals and groups experienced inclusion and exclusion in their communities.
Prerequisites: Minimum grade of C-in any 200-level HIST *(*p. 745*) course.*

HIST 311
British Society, Politics, and Culture, 1450-1750
3 Credits Weekly (3-0-0)
This intermediate level course examines the social history of Britain: the lives of its people, both grand and humble. We explore families, courtship and marriage, work and play, gender roles, religion and superstition, crime and punishment, class relations, local and regional identities, poverty and poor relief. Specific topics vary depending on the individual instructor.
Prerequisites: Minimum grade of C- in any 100-level or 200-level HIST *(*p. 745*) course.*

HIST 312
Scotland from MacBeth to the Union (1707)
3 Credits Weekly (3-0-0)
This course investigates the important events, developments, and themes in Scottish history before Scotland united with England in 1707 to form Great Britain. The course explores Scotland's unique blend of Gaelic, English, and Norman traditions in the Middle Ages, its 'pure and trew' Reformation in the sixteenth century, and its attempt to stand independent in the face of English imperialism. The course emphasizes Scotland's political and social developments in the period while providing significant coverage to intellectual, religious, economic, and cultural themes.
Prerequisites: A minimum grade of C- in one of HIST 100, HIST 205, HIST 209, HIST 211, or HIST 214.

HIST 315
Enlightenment and Revolution in France
3 Credits Weekly (3-0-0)
This course examines the intersection of ideas, institutions and events in France during the revolutionary era. Students are introduced to the art, literature, and philosophy of the French Enlightenment in the context of its key institutions, cultural venues, and figures. After identifying and analyzing the movement's main currents and critics, students link Enlightenment critiques of absolutism and Old Regime society to both the outbreak of France's great revolution in 1789 and its descent into Terror. The course concludes by analyzing the rise and fall of Napoleon Bonaparte and the birth of modern nationalism and total war.
Prerequisite: A minimum grade of C- in 3 credits of 200-level HIST *(*p. 745*) courses.*

HIST 338
Britain as a World Power
3 Credits Weekly (3-0-0)
Britain held a position of world dominance from the eighteenth century until the world wars of the twentieth century. It acquired a worldwide empire, sometimes deliberately, but often haphazardly. Britain administered its empire in a variety of ways, sometimes indirectly through local rulers, sometimes quite directly. In this course, students examine Britain's rise as an imperial nation and its relations with other European nations, as well as the process of its decline both as an imperial and a European power.
Prerequisites: Minimum grade of C- in any 100-level or 200-level HIST *(*p. 745*) course.*

HIST 340
Diplomacy, War, and Conflict in the 20th Century
3 Credits Weekly (3-0-0)
This intermediate-level course investigates the origins and consequences of the major military conflicts of the twentieth century. It covers the Great War, the Second World War and the Cold War, as well as the national wars of independence in Asia and Africa, the war for Jammu and Kashmir, the Arab-Israeli conflicts of the Middle East, the Vietnam War and the Gulf War.
Prerequisites: Minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course.*

HIST 341
Fascism in Europe 1918-1945
3 Credits Weekly (3-0-0)
This intermediate level course investigates the phenomenon of fascism in inter-war Europe. The course starts from the premise that a generic fascism did exist, and can be defined, and that its origins and ideological components are traceable, not only to the general crisis following the First World War, but to social and political trends going back into the nineteenth century. The course also explicitly compares fascist movements, and the two fascist dictatorships of Italy and Germany, with the authoritarian regimes which become so prevalent in this period, highlighting both the essential differences between the two phenomena, and also the way in which authoritarianism occasionally borrowed fascist language and imagery. Specific attention is paid to Italian Fascism and German National Socialism, and to the native fascist movements of Eastern Europe.
Prerequisites: Minimum grade of C- in HIST 102 or HIST 112 or HIST 210 or HIST 340.

HIST 342
The Atlantic World
3 Credits Weekly (3-0-0)
Contact among Africans, Europeans and the indigenous peoples of the Americas created an Atlantic World. The Atlantic Ocean linked the nations and peoples living around its edges, beginning in the 15th century and continuing until the wars of independence and the end of the slave trade in the late 18th and early 19th centuries. Slaves and slave-traders, soldiers, merchants, sailors, pirates, indentured servants, convicts, settlers, governors and administrators crossed the ocean to encounter a diverse array of New World peoples. This course examines the lives of these people and the encounters, relationships, exchanges and clashes among these people in their Atlantic context.
Prerequisites: Minimum grade of C- in any 100-level or 200-level HIST *(*p. 745*) course.*

HIST 343
Genocide in the Modern World
3 Credits Weekly (3-0-0)
This course evaluates the motives and circumstances of genocide in world history and uncovers the experiences of its victims. Students examine competing definitions of genocide and explanations for why it has occurred and how it has changed over the course of the past century. Further, they consider what genocide reveals about the logic of modern politics, racism and warfare. The course challenges students to pursue a comparative analysis of a range of case studies, and exposes them to a variety of sources, from memoirs and film to theoretical work, academic articles, and monographs.
Prerequisites: Minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course.*

HIST 345
Nationalism
3 Credits Weekly (3-0-0)
This intermediate-level course examines nationalism as a theme in world history. It starts with an exploration of nationalism as a concept: its history, its terminology and some of the theories cited for its emergence. This course examines the scholarly debate as to how far back we can go in identifying nations, the connection between nationalism and literacy, and that between nationalism and socio-economic development. Relying largely on a consideration of nationalism in a European context, the course nevertheless considers extra-European manifestations, including Canadian, American, Indian and Japanese nationalism; it also considers the peculiar phenomenon of "state nationalism", as attempted in the Russian and Ottoman Empires, and what might be called "confessional nationalism", as typified by modern Islamism.
Prerequisites: Minimum grade of C- in any 100-level HIST *(*p. 745*) course.*

HIST 352
The U.S. in World Affairs
3 Credits Weekly (3-0-0)
This course examines the history of American foreign policy during the 20th century providing insight into the process of foreign policy decision making, as well as the ramifications U.S. foreign policy has on nations around the world. Major topics include expansionism, "Big Stick" diplomacy, Wilsonianism, entry into wars, relations with Latin America and the Middle East, as well as the origins, culture, and effect of the events of the Cold War.
Prerequisites: Minimum grade of C- in any 100 or 200 level HIST *(*p. 745*) course.*

HIST 361
Canadian Political History
3 Credits Weekly (3-0-0)
This course examines the political history of Canada since Confederation. Although the federal political system is the central focus of the course, provincial political developments of national importance are not ignored. Among the topics discussed in this course are the Pacific scandal, the Manitoba school question, women's suffrage, the Progressive party and the Maritime Rights movement, the politics of unemployment the rise of Social Credit in Alberta, the formation of the CCF and NDP, Medicare, the Quiet Revolution, the Constitution Debates, and the Meech Lake Accord.
Prerequisites: Minimum grade of C- in any 100 level or 200 level HIST *(*p. 745*) course.*

HIST 362
History of Alberta
3 Credits Weekly (3-0-0)
Alberta occupies a distinct space in the Canadian federation. Created by an act of the federal government in 1905, the province was originally settled by immigrants from Europe who sought opportunities in agriculture and mining. The rural province was transformed by the depression and the discovery of oil and gas. Today it is an urban province that attracts immigrants from around the globe. It also has a distinct political culture. The province has been governed by a series of political dynasties from the Liberals to UFA to Social Credit to the Conservatives. Each of these political dynasties had a tendentious relationship with the federal government and the province's electors have consistently supported political parties that emphasized a decentralized federal regime. This course examines these changes in economic, social, and political conditions to help us better understand Alberta today.
Prerequisites: A minimum grade of C- in any 100- or 200- level HIST *(*p. 745*) course.*

HIST 364
Topics in Western Canadian History
3 Credits Weekly (3-0-0)
This intermediate-level course examines a selected topic in western Canadian history in depth. The topic in any given year is determined by the instructor. Examples of topics include, but are not limited to, broad-based themes like fur trade colonialism, prairie populism, gender and settlement, nativism and racism, and western Canadian alienation or more focused topics such as the making of treaties with the Indigenous people, the colonization of Vancouver Island, the Métis and the Red River settlement, or the history of the oil and gas industry. Students can complete this course up to two times provided the topic is different.
Prerequisites: A minimum grade of C- in any 100- or 200- level HIST *(*p. 745*).*

HIST 366
The Canadian West
3 Credits Weekly (3-0-0)
This course examines the history of the Canadian West. Social, political and economic developments in this region continue to play a central role in Canada's development. Topics include the experiences of Indigenous people, the region's leadership in social policy related to immigration, women's suffrage and Medicare; the resource-based economy of furs, wheat, timber, mining and oil; and the distinctive political culture and alternative political parties that have emerged in the Canadian West including the Progressives, CCF, Social Credit, and Reform.
Prerequisites: A minimum grade of C- in any 100- or 200-level history course.

HIST 367
Canada in World Affairs
3 Credits Weekly (3-0-0)
This course examines Canada's diplomatic, military, economic and political role in world affairs. Canada's relationship with the British Empire and the United States receives special emphasis. Attention is also given to the affect of international affairs on domestic social and political issues.
Prerequisites: A minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course.*

HIST 369
First Nations and Canada
3 Credits Weekly (3-0-0)
This intermediate level course examines Canada's relationship with First Nations from the 1830s to the present. The focus is on the interplay between the aspirations of First Nations, Aboriginal rights, constitutional law, economic and social changes, and the development of government policy. Special attention is paid to the consequences of the policy development for Aboriginal societies and culture.
Prerequisites: A minimum grade of C- in HIST 260 or HIST 261.

HIST 395
Oral History
3 Credits Weekly (3-0-0)
Predating the written word, oral history is among the oldest forms of historical inquiry, and the ability to gather, preserve, and interpret the voices and memories of the past is currently undergoing a renaissance thanks to digital technology. This course introduces students to the best practices of oral history, provides a foundational understanding of the theory about memory, narrative, and researcher-narrator relationships, and allows students to actively participate in recording stories of the past. Students from other disciplines are welcome to enroll in this course, but will need to get permission of the department.
Prerequisites: A minimum grade of C- in any 100- or 200-level HIST *(*p. 745*) course, or permission of the department.*

HIST 397
Public History
3 Credits Weekly (3-0-0)
Public history is a branch of historical work that involves presenting history to the public or working with the public to conduct research and interpret the past. This course introduces students to some of the theories about public history and some of the issues in the field, including ideas about memory and representation, heritage and history, and preservation and interpretation. It examines common sources for public history, including material culture, archives, and oral interviews. It also explores some of the opportunities available in the field of public history.
Prerequisites: Minimum grade of C- in any 100 or 200 level HIST *(*p. 745*) course.*

HIST 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

HIST 400
Senior Thesis
3 Credits Total (0-0-45)
In this individual study course, students write a major essay and make a conference-style presentation on a specific topic of their choice. This course is open only to History Majors. Students desiring HIST 400 must consult with the History Coordinator to select a primary and secondary supervisor. Note: Students may receive credit for only one of HIST 400 and HIST 401.
Prerequisites: Consent of the Department.

HIST 410
Topics in European History
3 Credits Weekly (0-0-3)
In this seminar-based course, students discuss, criticise and analyse readings on a selected topic in European history. They also prepare a major research paper on an issue related to one or more of the seminar topics. Students can take this course up to three times provided the topic is different.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST *(*p. 745*), including one of HIST 205, HIST 209, or HIST 210.*

HIST 411
Topics in Medieval and Early Modern British History
3 Credits Weekly (0-0-3)
In this seminar-based course, students discuss, criticize and analyze readings on a selected topic in medieval and early modern British history. They also prepare a major research paper on a subject related to the course topic. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST *(*p. 745*), including at least 3 credits from HIST 206, HIST 211, or HIST 311.*

HIST 442
Topics in Imperialism and Colonialism
3 Credits Weekly (0-0-3)
In this seminar-based course, students discuss, criticise and analyse readings on a selected topic related to imperialism and/or colonialism. They also prepare a major research paper on an issue related to one or more of the seminar topics. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grade of C- in 9 credits of 200- or 300-level HIST *(*p. 745*) courses.*

HIST 460
Topics in Canadian History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique and analyse readings on a selected topic in Canadian history. They also prepare a major research paper related to the seminar topic. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST *(*p. 745*) courses including either HIST 260 or HIST 261.*

HIST 476
Topics in the History of Religion
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique, and analyse readings on a selected topic in the history of premodern religion. They also prepare a major research paper on an issue related to the seminar topic. The topic in any given year is selected by the instructor, but is typically drawn from the traditions of Judaism, Christianity, or Islam.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST *(*p. 745*), including at least 3 credits from HIST 204, HIST 205, HIST 304, or HIST 308.*

HIST 490
Topics in Social History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique, and analyse readings on a selected topic in Social History. They also prepare a major research paper on an issue related to the seminar topic. The topic in any given year is selected by the instructor.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300-level HIST *(*p. 745*) courses.*

HIST 491
Topics in International History
3 Credits Weekly (0-0-3)
In this seminar, students discuss, critique and analyse readings on a selected topic related to international history. They also prepare a major research paper related to the seminar topic. The topic in any given section is selected by the instructor. Students can take this course up to three times provided the topic is different.
Prerequisites: Minimum grades of C- in 9 credits of 200- or 300 level HIST *(*p. 745*) courses.*

HIST 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

HIST 499
Field Placement
3 Credits Total (45-0-90)
In this course, students are assigned to public history, community, and/or heritage organizations where they apply their knowledge and skills in supervised projects.
Prerequisites: A minimum grade of C- in either HIST 300 or HIST 397 and consent of the department.

HLSC – Health Sciences

HLSC 104
Applied Human Anatomy
3 Credits Weekly (3-0-0)
Students examine the anatomical structures of the human body. The anatomical terms of reference and basic histology are referred to as each of the body systems are studied. This course does not transfer to the Nursing Programs.

HLSC 105
Applied Human Physiology
6 Credits Weekly (6-0-0)
Students examine the function and regulation of the human body including neural and hormonal homeostatic control mechanisms. The musculoskeletal, circulatory, respiratory, digestive, urinary, immune, reproductive, and endocrine organ systems are discussed. The course does not transfer to the Nursing Programs.

HLSC 120
Human Anatomy
3 Credits Weekly (3-0-0)
This is an introductory course in human anatomy for the health sciences. It provides students the opportunity to gain anatomical knowledge of human tissues, organs, and major organ systems in terms of its structures, the related anatomical terminology and how these structures relate to function.
Prerequisites: Biology 30.

HLSC 124
Microbiology for Health Professionals
3 Credits Weekly (3-0-0)
Principles of microbiology and classification of microbes are introduced. The focus is on the nature, reproduction and distribution of common microorganisms, and the epidemiology and role of pathogenic organisms in infectious diseases. Human immunology, antimicrobial strategies and health systems are integrated into discussion of the prevention and control of infectious diseases in humans. Note: Only one of HLSC 124 or MMID 133 may be taken for credit.
Prerequisite: Biology 30.

HLSC 126
Human Physiology I
3 Credits Weekly (3-0-0)
Normal function and components of the human body are addressed, with an emphasis on cellular function, homeostasis, hormone release and regulation. The organizing framework is based on concepts of homeostasis and regulatory mechanisms which enhance integrated functioning. Structure and function of the neurological and cardiovascular systems are examined. Normal physiological changes associated with growth and development, and aging are considered.
Prerequisites: Science 30 or Chemistry 30, and Biology 30.

HLSC 128
Human Physiology II
3 Credits Weekly (3-0-0)
Normal function and maintenance of homeostasis in the human body are addressed. Emphasis is placed on integrative function of the major systems; cardiovascular, respiratory, hematological, immune/inflammatory, digestive, reproductive, endocrine and urinary systems. Normal physiological changes associated with pregnancy, growth and development, and aging are discussed. Note: Only one of HLSC 128, HLSC 122, NURS 108 or PHSL 162 may be taken for credit.
Prerequisites: Minimum grade of C- in HLSC 120 and HLSC 126.

HLSC 220
Pharmacotherapeutics for Health Professionals
3 Credits Weekly (3-0-0)
Concepts of pharmacology are explored, with an emphasis on pharmacotherapeutics within health and illness experiences. Aspects of human physiology, growth, development and aging are integrated. Indications for use, mechanisms of action, therapeutic and adverse effects, assessment and patient/client education are explored in relation to major medication classifications and common medications. Professional responsibilities for provision of safe and optimal pharmacotherapy are examined. Political, legal, ethical, social and economic factors are discussed with regard to medications and health. Recognition of professional responsibilities and limitations are emphasized with regard to medication administration and evaluation. Note: it is strongly recommended that HLSC 222 - Alterations in Health Across the Lifespan - be completed before or taken concurrently with this course.
Prerequisites: Minimum grade of C- in HLSC 124 and HLSC 128.

HLSC 222
Pathophysiology Across the Lifespan
3 Credits Weekly (3-0-0)
This course builds on previous knowledge of microbiology, human anatomy and physiology by exploring the holistic experience of disease. Processes that cause disease across the lifespan are examined as related to the structure and function of human cells, tissues, organs, and body systems. Select acute and chronic diseases of each body system are examined in depth related to epidemiology, etiological processes, risk factors, pathogenesis, and clinical manifestations. Specific prefixes and suffixes are explained throughout the course in order for students to gain fluency in disease processes.
Prerequisites: Minimum grade of C- in HLSC 124 and HLSC 128.

HLST – Health Studies

HLST 101
Interpersonal Skills Development
3 Credits Weekly (3-0-0)
Students develop skills to communicate effectively with individuals and groups from diverse backgrounds and cultures. Students identify the impact of communication styles on individuals and groups. Conflict management and team building strategies are included. Personal and professional development concepts are introduced.

HLST 105
Communication skills for internationally educated healthcare professionals
3 Credits Weekly (3-0-0)
This course provides internationally educated healthcare professionals with the knowledge and skills to communicate effectively with people from diverse backgrounds. Students learn the importance of self-awareness, relationship development, diversity competency, and conflict management as essential skills for the healthcare professional.

HLST 150
Pathophysiology
3 Credits Weekly (3-0-0)
Students explore the concepts of health and disease throughout the human lifespan. The etiology, pathophysiology and clinical manifestations are covered in relation to commonly-occurring conditions of major body and organ systems. Pathologies are discussed in a clinical context and provide the learner with knowledge of how to assess and treat patients who present with these conditions. Aspects of disease prevention are also emphasized.
Prerequisites: MTST 126.

HLST 152
Foundations in Health
3 Credits Weekly (3-0-0)
Perspectives and definitions of health are explored. Factors that influence the health of individuals and families within the Canadian context are examined. Models and theories of change that influence individual health behaviour are introduced. The influence of selected reports, legislation, and funding on the Canadian health care system are explored. Students are introduced to the concepts of health promotion, primary health care, primary care, and access to health care services, as they relate to the achievement of health by individuals within the context of family.

HLST 154
Professional Communication
3 Credits Weekly (3-0-0)
Perspectives and definitions of communication are examined including factors which influence communication within the Canadian multi-cultural context. Models and theories of communication that influence both individual and professional behaviours are introduced. The influence of legislation, social media, and therapeutic interactions in the health care system are explored. Students are introduced to the principles of relational practice for individuals, families, health care teams and communities of practice.

HLST 159
Health Foundations
3 Credits Weekly (3-0-0)
Students explore foundations in health from multiple perspectives, including definitions of health, health determinants, factors that influence mental and physical health, professional roles and responsibilities, and points of access to health care services. Primary health care and primary care are introduced. Students examine how indicators of health and illness/injury influence program and policy development, as well as the influence of selected reports, legislation, and funding on the evolution of the Canadian health care system. Students receive an introduction to models and theories of change related to health promotion and injury prevention. Note: Credit can be obtained in only one of HLST 152 or HLST 159.

HLST 210
Human Sexuality
3 Credits Weekly (3-0-0)
This course provides an overview of human sexuality. Biological, psychosocial and cultural components of sexual health are integrated throughout the course. Instructor presentations, group discussions and expert guest speakers provide students with the opportunity to explore a wide range of topics in this complex subject.

HLST 230
Intercultural practice in the Human Services
3 Credits Weekly (3-0-0)
This course offers students the knowledge, skills, and awareness needed for effective relationships and practice with individuals, families, and communities of diverse cultures and spiritualities (including staff and service user communities). Cultures and spiritualities will be defined in terms of constantly changing and moving markers of identity; proceeding from analysis of historical accounts to analysis of contemporary Canadian and global perspectives and issues. Students will reflect on the contributions of Indigenous peoples, immigrants and refugees to the Canadian cultural mosaic, and on obstacles to cultural integration and social justice including oppression, systemic discrimination, and racism. Students will explore their own cultural locations, identities, experiences, beliefs, values and sense of ethics. The course will be of particular interest to students in human service programs but will be of benefit to students in many other disciplines.

HLST 262
Introduction to Nursing in Canada for Internationally Educated Healthcare Professionals
1 Credit Total (15-0-0)
Internationally educated healthcare professionals are introduced to the healthcare system in Canada.

HLST 290
Nutrition/Pharmacological Concepts
3 Credits Weekly (3-0-0)
The basic principles of nutrition and pharmacology and how they effect a massage therapist's practice are studied. Nutrition and pharmacology are examined with a focus on health promotion, disease management and prevention. Drug classifications, indications, and adverse effects are explained in detail. Considerations for safe massage therapy practice are discussed including contraindications, drug interactions and when referral to a dietitian is necessary.
Prerequisites: HLST 150.

HLST 320
Health and Society
3 Credits Weekly (3-0-0)
In this course learners are exposed to a broad range of views and perspectives overarching the elements of health and society. Theoretical frameworks are used to explore health and mental health as socially constructed concepts within selected populations. Selected key issues and challenges for marginalized populations are examined from the perspective of health promotion, social justice and the global perspective. Focus is also placed on political, economic and social forces that contribute to the evolution of mental health service delivery within a national and global context. The concepts of social justice and health promotion are discussed in terms of their influence on the role of the psychiatric/mental health nurse in contemporary society.
Prerequisites: RPN OR minimum grade of C- in HLST 159 and a 3-credit university level STAT *(*p. 848*) course.*

HLST 321
Advanced Skills in Therapeutic Modalities
4 Credits Weekly (3-2-0)
This course is designed to expand the repertoire of therapeutic modalities that can be employed by psychiatric/mental health nurses within therapeutic nurse-client relationships. Learners expand theoretical knowledge and skills with selected current psychotherapies within the context of a cross-generational population. The role of the psychiatric/mental health nurse in individual and group therapy is expanded from an experiential perspective. Knowledge and skills in crisis intervention, conflict management, and counseling are further developed and applied.
Prerequisite: RPN OR minimum grade of C- in PNRS 355 & a 3-credit university level ENGL *(*p. 725*) course (excluding ENGL 111).*

HLST 350
Principles of Wound Assessment and Management
3 Credits Weekly (3-1-0)
Students explore the rapidly expanding domain of wound management. The student acquires the knowledge related to the physiology of wound healing and develops the skills necessary to appropriately assess and diagnose a client with a chronic or problem acute wound. Students appreciate a holistic approach to wound assessment and management and gain skill in determining a care plan that provides optimal management of the wound environment.

HLST 351
Management of Acute and Chronic Wounds
3 Credits Total (45-12-0)
Students examine the advanced assessment, management and evaluation of chronic and acute problem wounds using current best practice research. Pathophysiology of specific problem chronic and acute wounds are explored in detail, enabling the student to expand on previous knowledge and skill. Chronic wounds such as pressure injuries, venous stasis ulcers (including differentiation from lymphedema), diabetic/neuropathic foot ulcers and malignant wounds are explored. Acute wounds such as skin tears, complicated surgical wounds and burns are also reviewed. Students develop skill differentiating and documenting wound etiologies and appreciate adjunctive modalities that are useful in treating chronic or acute problem wounds. Using case studies and interactive communication, students develop critical thinking skills necessary to assess, plan, implement, and evaluate a holistic and client focused plan of care that provides optimal wound management and prevention. Evolving practice and future research trends are also explored.
Prerequisites: HLST 350.

HLST 352
Wound Management Clinical
3 Credits Total (0-0-76)
Students apply principles of ethical, evidence-based wound management in a range of clinical settings across the health care continuum. The knowledge base and critical thinking skills developed during previous wound courses is synthesized and conveyed in an assortment of clinical environments. The clinical experience provides the students an opportunity to work with an interdisciplinary collection of wound care practitioners. Students compare and contrast various wound practices through interactive communication and reflective journals.
Prerequisites: HLST 351.

HLST 353
Drains, Fistulas, Peristomal
3 Credits Total (45-12-0)
In this course the focus is on the assessment and management of skin conditions associated with drain sites, fistulas, and peristomal complications. Students acquire the knowledge and skills necessary to assess a client with skin breakdown associated with a drain site, a fistula, and peristomal complications. Students expand on previously attained knowledge and skills in wound management to establish, implement, and evaluate a plan of care that provides optimal wound management.

HLST 354
Healthy Populations
3 Credits Weekly (3-0-0)
Principles and concepts of population health are examined with an emphasis on the influence of the social and structural determinants of health. Global perspectives and population processes are examined including strengthening community action, building healthy public policy, creating supportive environments, developing personal skills and re-orienting health services. Primary health care principles, and capacity building strategies are integrated. Intersectoral and interprofessional collaboration within local, national and international contexts are differentiated. Social, political, cultural, economic and environmental implications of primary health care and healthy public policy are examined.
Prerequisites: Minimum grade of C- in HLST 152, 100-level STAT *(*p. 848*) course.*

HLST 355
Vascular Assessment
3 Credits Total (30-30-0)
The focus of this course is on vascular assessment of the lower extremities. With case based content, the course focuses on the application and synthesis of both clinical and technical vascular assessments to apply to patient care and treatments. Topic highlights include Ankle Brachial and Toe Brachial Indices related to arterial and venous health, diabetes, wound healing and diagnosis.

HLST 400
Global Health Perspectives
3 Credits Total (15-0-30)
This course offers the opportunity for analysis of perspectives that affect the global health community including social justice, health equity, gender, human rights, political agendas and ethical issues. Principles and concepts of global health are examined with an emphasis on key health issues, priorities and emerging challenges. Global partnerships/initiatives and innovations that focus on improving health outcomes and reducing global health inequities are considered. A two-week national or international field placement following lecture content includes a range of activities designed to connect students with policy makers, health care workers, students, faculty and health agencies. Note: HLST 400 may be used to fulfill the requirement for an open, senior, or senior NURS (p. 789) elective in the BScN program.
Prerequisites: Minimum grade of C- in HLST 354, HLST 320 OR consent of the department.

HRMT – Human Resources

HRMT 200
Management of Human Resources
3 Credits Weekly (3-0-0)
Students explore the role of human resources management in contemporary organizations and identify effective practices to hire, retain and develop employees. Students identify the interrelationships between the functional areas of human resources management including planning, recruitment, selection, training and development, performance management, total compensation, workplace health and safety, and employee and labour relations. Students examine key legislation relevant to human resources management and apply their knowledge to current and emerging workplace challenges.

HRMT 212
Employee Relations
3 Credits Weekly (3-0-0)
Students examine the strategic importance of employee relations practices in Canada, and the effects of these practices on other human resources management systems. Students explore the factors which shape the on-going employment relationship, types of workplace disputes and dispute resolution processes, and current trends and issues in Canadian employee relations.
Prerequisites: HRMT 200.

HRMT 214
Recruitment & Selection
3 Credits Weekly (3-0-0)
Students identify the critical function of employee recruitment and selection and examine strategies and tools used by organizations to find, assess and hire or promote employees. Issues of determining and balancing an organization's strategic needs with legal requirements such as employment equity and diversity are explored. Students also develop their selection interviewing skills, investigate emerging issues and trends, and apply their knowledge of recruitment and selection to the design of a staffing plan. Students can only receive credit in one of HRMT 145 or HRMT 314 or HRMT 214.
Prerequisites: HRMT 200.

HRMT 216
Total Compensation Management
3 Credits Weekly (3-0-0)
Students explore compensation as a strategic tool for improving organizational effectiveness and for helping to attract, retain and motivate staff. Students analyze the factors which shape and influence pay practices within an organization, and identify processes and techniques involved in establishing appropriate compensation levels. Students apply their knowledge in the critique or design of elements of an organization's direct compensation program, including the integrated use pay for performance compensation plans, to ensure alignment with an organization's human resources strategy. Students explore the use of benefit and retirement income plans as integral and strategic parts of an organization's total compensation plan. Students develop their understanding of the scope and details of these plans and situate their components within organizational, social, legal, and workforce contexts. Students can only receive credit in one of HRMT 131 or HRMT 316 or HRMT 216.
Prerequisites: HRMT 200.

HRMT 295
Strategic Human Resources Management
3 Credits Weekly (3-0-0)
Through case study analysis, students apply an integrated knowledge of human resources management practices to the formulation and achievement of organizational goals. Students research, analyze, evaluate and develop strategic responses to a variety of current and emerging staffing, employee retention and performance management issues. Students also develop their professional practice skills. This course is intended to be taken in the final term of the Human Resources Management Diploma program. Note: Credit can be obtained in only one HRMT 295 or HRMT 270.
Prerequisites: HRMT 131, HRMT 145 and ORGA 233.

HRMT 312
Labour Relations
3 Credits Weekly (3-0-0)
Students examine the strategic importance of labour relations practices in Canada, and the effects of these practices on other human resources management systems. Students describe the impact of unions on the workplace and explore the factors which shape the on-going employment relationship, including the role and structure of labour unions, the certification and collective bargaining processes, and current trends and issues in Canadian industrial relations. Note: Students can only receive credit in one of HRMT 151 or HRMT 412 or HRMT 312.
Prerequisites: HRMT 212.

HRMT 315
Health, Safety & Wellness
3 Credits Weekly (3-0-0)
Students explore the Canadian workplace health, safety and wellness environment and identify the shared employer and employee responsibilities for the provision of safe and healthy workplaces. Students individually and in teams examine a variety of workplace health and safety initiatives in light of current research and trends in the field. Students apply their knowledge to the critique or development of health, safety or wellness policies or interventions which address employee and organizational needs. Note: Students can only receive credit for one of HRMT 275 or HRMT 475 or HRMT 315.
Prerequisites: HRMT 200.

HRMT 318
Learning & Development
3 Credits Weekly (3-0-0)
Students identify theories and strategies which support employee learning and development and they apply this knowledge to the creation of training and development initiatives aligned with an organization's strategic priorities. Students explore how employee learning and development needs are determined, examine appropriate delivery methods and technologies, integrate strategies for the transfer of learning to the workplace, and design useful measures of learning and development success. Note: Students can only receive credit in one of HRMT 160 or HRMT 318.
Prerequisites: HRMT 200.

HRMT 430
HR Analytics & Program Evaluation
3 Credits Weekly (3-0-0)
Students explore issues and methods for the collection, analysis, and reporting of data pertaining to an organization's workforce and operation of HR Programs. Individually and in groups, students develop and demonstrate skills and knowledge that enable them to design, develop, and complete an evaluation of an HR program. This includes use of statistical and logical methods for determining the impact and efficiency of a program towards an objective. Students learn methods and styles that meaningfully inform leaders, workers, and other stakeholders about workforce metrics and program evaluation findings.
Prerequisites: Successful completion of a minimum of six credits in 300 or 400-level HRMT *(*p. 754*) courses.*

HRMT 450
Strategic Human Resources Management
3 Credits Weekly (3-0-0)
Students develop an integrated knowledge of the impact of human resources management practices on organizational outcomes and performance. Students research, analyze, evaluate and develop strategic responses to a variety of current and emerging HR topics. Note: Credit can be obtained in only one HRMT 295 or HRMT 450.
Prerequisites: Successful completion of a minimum 6 credits in 300 or 400-level HRMT *(*p. 754*) courses.*

HRMT 497
Special Topics in Human Resource Management
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research and/or practices on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Organizational Behaviour, HRM & Management for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level HRMT *(*p. 754*) course and consent of the department chair or designate.*

HRMT 498
Independent Research Study in Human Resource Management
3 Credits Weekly (0-0-3)
This course is designed to provide students with the skills and knowledge to determine the information necessary to address an identified research problem (basic or applied), and using this understanding, to develop an actionable research proposal. In this process, the students will gain an understanding of relevant approaches and elements of undertaking a research inquiry specifically to provide insights to solving a relevant problem. They will develop competencies and skills required to carry out such an inquiry including: defining research questions; setting appropriate research objectives; study design that incorporates research objectives; secondary and primary data collection and instruments; sampling and analysis methods; and effective reporting of results; as well as the importance of ethical conduct in conducting research in varying business contexts. Note: This course can be taken twice for credit.

HRMT 499
Honours Thesis - Human Resources Management
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.
Prerequisites: BUSN 396, BUSN 397 and BUSN 496.

HSAD – Human Services Administration

HSAD 300
The Human Service Administrator
3 Credits Weekly (3-0-0)
Students are introduced to the roles and responsibilities of managers in human service organizations, primarily in the nonprofit sector, and address issues related to leadership, organizational culture, planning, management controls, financial management, working with staff and boards, and resource development. Students explore a range of skills needed to successfully assume management responsibilities through an examination of recognized literature in the management field including, but not limited to, discipline-specific resources and journals.

HSAD 305
Interpersonal Communication Skills for Human Service Administrators
3 Credits Weekly (3-0-0)
Students explore the interpersonal dimension of the role of leaders, managers, and supervisors in human service agencies. Students gain an understanding of leadership roles in human service agencies and develop skills for creating effective interpersonal environments in their workplaces. Students have the opportunity to review and extend their communication skills, to learn strategies for time and stress management, and to explore and practise skills required for team building, setting directions, action-planning, managing meetings, problem-solving, and resolving conflict.

HSAD 310
Managing Human Resources
3 Credits Weekly (3-0-0)
Students are introduced to a strategic set of systems and practices of human resource management that focus on creating diverse and inclusive human service organizations. Utilizing a humanistic approach to human service management while operating within a legal framework, students begin to acquire the skills to recruit, select, orient, train, develop and retain staff. Students learn to develop job descriptions by analysing and defining work, appraise staff with the goal of improving performance, and establish creative approaches to reward and recognize staff. Additional topics studied include supervision and leadership, labour relations, and occupational health and safety.

HSAD 315
Managing Financial Resources in Human Service Agencies
3 Credits Weekly (3-0-0)
Students are introduced to financial accounting and bookkeeping in human service organizations. Students develop the skills required to manage an organization's financial resources, including budget analysis, payroll, preparing for audits, and managing endowment funds and charitable donations.

HSAD 325
Research Practices in Human Service
3 Credits Weekly (3-0-0)
Students gain knowledge of the research process and research methods commonly employed in the social sciences. Students examine how research is conducted and discuss a number of research methods including qualitative, quantitative, action, and narrative. Students develop the knowledge and skills required to read research reports critically and participate in research in an ethical and thorough manner.

HSAD 330
Managing Physical Resources in Human Service Agencies
3 Credits Weekly (3-0-0)
Students become familiar with important aspects of managing physical resources in human service organizations. Students learn to develop business plans, assess and address facility needs, and plan for improvements, including finding space in the community, renovation, new construction, and financing. Strategies for risk management and facility and equipment management, including maintenance procedures, leasing, and the security of information technology resources, are introduced as important tools for the human service administrator.

HSAD 335
Managing Change in Human Service Agencies
3 Credits Weekly (3-0-0)
Students cultivate the knowledge and skills necessary to respond to organizational change in a strategic and proactive manner. Students develop strong strategic planning skills and are able to develop and implement strategic and proactive responses to manage uncertainty and change.

HSAD 345
Community-Based Practice in Human Service Agencies
3 Credits Weekly (3-0-0)
This course is designed to introduce students to the theory and practice of community work. The key role healthy, sustainable communities play in enhancing the health, education, and social programs delivered by formally organized institutions is explored. Students learn that community practice is a process of collaboration within a network of individuals and other service providers and will develop the skills and knowledge to be an effective part of this process.

HSAD 350
Trends and Issues in Human Service Administration
3 Credits Weekly (3-0-0)
This course examines trends, issues, and innovation as they relate to human service organizations. Students learn to anticipate events, changes, or evolutions that may impact the organization or profession, identify issues that arise as a result, and formulate appropriate responses. This course explores a variety of political, economic, social, technological, environmental, and legal trends and issues to determine the impact they may have on the human service field in general and on your organization in particular. Innovation, with a particular emphasis on social innovation, will be explored as a response to the issues, and you will learn about approaches that foster human service innovations at an organizational level. The interplay of social policy and trends and issues will be explored along with the increasing emphasis on accountability in the social service sector.

HSAD 459
Directed Field Study in Human Service Administration I
15 Credits Total (0-0-537)
Students build on the skills and knowledge attained in previous program courses as they explore leadership development and managerial practice within the directed work situation. In consultation with the instructor, supervisor and/or a mentor, students set learning and development goals and use reflection to evaluate and guide their progress as human service managers and leaders. Project management theory is introduced. Students identify and do initial research on the project they will complete in their final directed field study. Team roles and functioning are explored in the context of seminar activities.
Prerequisites: HSAD 300, HSAD 305, HSAD 310, HSAD 315, HSAD 325, HSAD 330, HSAD 335, HSAD 345 and HSAD 350.

HSAD 499
Directed Field Study in Human Service Administration II
15 Credits Total (0-0-537)
Building on their experience in Directed Field Study I, students establish learning goals to further develop and demonstrate leadership capacity and managerial practice in the field study agency. Students work with their supervisor to identify an appropriate project; then they plan, implement, monitor, and evaluate the project. They learn characteristics of a culturally competence workplace and create a plan for increasing cultural competence in their organization. Students use reflective practice to guide their development as human service managers and critically analyze the project they managed in a Capstone assignment that shows their ability to integrate theory and practice and present their findings in an academically and professionally competent manner.
Prerequisites: HSAD 459.

HUMN – Humanities

HUMN 101
Humanism
3 Credits Weekly (3-0-0)
This Great Works course considers humanist values and principles through the reading of canonical works of history, literature, and philosophy from more than one historical period and geographical area. An empathetic understanding of human beings is emphasized through a consideration of what is important to human beings, and how humans relate to others. Two of the following four texts will be read in full: Prometheus Bound by Aeschylus, Frankenstein by Mary Shelley, The Second Discourse: Origins of Inequality by Rousseau, and the Apology by Plato. Other texts will be chosen by the Instructor.

HUMN 201
Human Relationships
3 Credits Weekly (3-0-0)
This Great Works course emphasizes an empathetic understanding of human beings in the context of their relationships with each other. The assigned readings may consider different levels and types of relationships (e.g., introspective, between individuals, or between the individual and the community or society). In analyzing historical, literary, and philosophical works from more than one historical period, geographical area, and cultural tradition, students consider key aspects of relationships between lovers, friends, family members, citizens, neighbours, or enemies.

HUMN 202
Humans, Nature, and the Divine
3 Credits Weekly (3-0-0)
This Great Works course emphasizes an empathetic understanding of human beings in their relationships with nature and the divine. In closely reading historical, literary, and philosophical works from more than one historical period, geographical area, and cultural tradition, students study and analyze the ways in which human beings construct relationships which are not focussed specifically on other human beings. Readings from the following authors may be included: Sophocles, Aquinas, Rumi, Hobbes, Locke, Rousseau, de Avila, and Emerson.

HUMN 203
Human Journeys
3 Credits Weekly (3-0-0)
In this Great Works course students explore human journeys from historical, literary, and philosophical perspectives in order to achieve empathetic understandings of human beings and our selves. The assigned readings may consider journeys in a literal (e.g., voyages of exploration, exile/displacement, returns) or metaphorical sense (e.g. journeys of self-discovery, spiritual exploration and growth, pilgrimage). Readings are drawn from more than one chronological period, geographical location, and cultural tradition and may include Farid ud-Din Attar, Christine de Pizan, Herman Hesse, and C.S. Lewis.

HUMN 204
Human Experience & Gender
3 Credits Weekly (3-0-0)
This course emphasizes an empathetic understanding of the gendered dimensions of the human experience. Based on a close reading of great historical, literary, and philosophical works from more than one historical period and/or geographical area, students consider key facets of gender and sexuality as they operated across time and place. Readings, films, or other materials from the following creators may be included: Sappho, Cristine de Pizan, Sor Juana Inés de la Cruz, Virginia Woolf, Agnès Varda, Judith Butler, and Emi Koyama.

HUMN 301
Special Topics in Humanism
3 Credits Weekly (3-0-0)
This course emphasizes an empathetic understanding of human beings through an in-depth study of a selected topic in humanism. Students study historical, literary, and philosophical works from more than one historical period and geographical area. The topic and readings will vary from year to year.
Prerequisites: Minimum grade of C- in one 200-level course or higher in any Humanities discipline.

INDG – Indigenous Studies

INDG 100
Introduction to Indigenous Studies
3 Credits Weekly (3-0-0)
Indigenous Studies 100 seeks to introduce students to various aspects of Indigenous Studies: historical, sociological, oral, and literary. Students develop critical thinking and writing skills applicable across the university curriculum through intensive reading and analysis of specifically Indigenous writers and various texts/documents related to Indigenous Studies. Students analyze works by Indigenous writers from various literary genres, genres which may include literary, historical, anthropological, and sociological texts. Additional cultural opportunities are built into the course, such as opportunities to meet with elders, participate in ceremonies, and so on. These opportunities expand the contextualization of the texts studied and give students a unique sense of the connection between community, its texts and traditions, its history, and its current context. This course is offered as a dual-credit course with Amiskwaciy Academy.

INDG 200
Indigenous Studies 200
3 Credits Weekly (3-0-0)
Indigenous Studies 200 provides a detailed examination into the historical and contemporary issues and circumstances of Indigenous Peoples. Students will critically explore their positioning in relation to Indigenous-Canadian history with a focus on policy, legislation, governance, Treaties and authenticity. The course will be grounded through an Indigenous lens, providing Indigenous narratives on identity, Indigenous feminism, sustainability, and the dismantling of common myths and stereotypes surrounding Indigenous peoples. These narratives will deepen the student's understanding of the impacts of historical policy, highlight Indigenous ways of being and resilience.

INDG 310
Indigenous and Western Perspectives of Sustainability: Walking Side-by-Side
3 Credits Weekly (3-0-0)
This course examines Indigenous and western perspectives of sustainability using various conceptual frameworks. The colonial, technoscientific nature of western perspectives of sustainability are challenged as insufficient to achieve sustainability that incorporates cultural vitality, social equity, environmental responsibility, and economic integrity. Indigenous principles are examined as leading to sustainability as a way of being. Note: Students may obtain credit in only one of INDG 310 and SUST 310.

INFM – Library & Information Technology

INFM 101
Libraries in the Information Age
3 Credits Weekly (3-0-0)
This course introduces students to the role of libraries in a modern information society. Major topics include: the organization, services, and evolving issues of libraries and information centers; the fundamentals of search techniques and access to information; and an overview of the role of information professions with emphasis on library culture and values.

INFM 104
Acquisition and Management of Collections
3 Credits Weekly (3-0-0)
This course covers the principles, policies and procedures for developing and managing print and e-resource collections. Students apply concepts from the collection development process such as selection, verification, acquisition, and evaluation principles. The management of acquisitions budgets, examination of the responsibilities of the technical services department, and current resource sharing models are covered. The importance of alternative viewpoints, diversification, and intellectual freedom issues, such as censorship and copyright principles, are discussed.

INFM 152
Information Services I
3 Credits Weekly (3-0-0)
This course introduces students to the principles of effective public service in libraries. Students investigate the philosophy, practices, and issues surrounding reference services. Effective search strategies are used to find, use and evaluate information critically. Library design and merchandising strategies are considered.

INFM 155
Organization of Information I
3 Credits Weekly (2-2-0)
This course introduces students to the theory and principles of information organization. It examines in detail the Resource Description Access (RDA) and Anglo-American Cataloguing Rules for describing information materials in a variety of formats. Also covered is an introduction to the classification of materials using the Dewey Decimal and Library of Congress classification schemes and Library of Congress Subject Headings lists. Included is the encoding of catalogue records using the MARC standard.

INFM 202
Information Services II
3 Credits Weekly (3-0-0)
This advanced level reference course introduces students to the principles and practices of specialized database searching to meet subject specific and specialized information needs. Students apply information literacy concepts and instructional techniques, and discuss evidence-based practice in libraries.
Prerequisites: INFM 152.

INFM 205
Organization of Information II
3 Credits Weekly (2-2-0)
This course covers subject analysis of materials by applying the principles and practices of classification using the Dewey Decimal and Library of Congress classification schemes, and Library of Congress Subject Headings. Also included is an introduction to metadata for digital resources, and standards associated with the semantic web.
Prerequisites: INFM 155.

INFM 208
Library Services for Children and Young Adults
3 Credits Weekly (3-0-0)
This course introduces the learner to children's and young adult literature; its history, the various forms, and evaluative techniques employed in selecting literature for these age groups. Students will design and deliver library programs or services for children and young adults representative of all young people in society.
Prerequisites: INFM 101.

INFM 209
Records Management
3 Credits Weekly (3-0-0)
Students are introduced to the concepts and elements of records and information management. The course includes an introduction to records management systems; information life cycle, project management in information management, classification, retention and disposition, protection of sensitive and vital records, forms content and management, policy development and review, access and privacy legislation.
Prerequisites: INFM 101 and INFM 210.

INFM 210
Information and Society
3 Credits Weekly (3-0-0)
This course examines the larger context of the library within the community and in society, and the role of library staff within that environment. Students discuss how different issues of social responsibility and justice affect libraries. Attention is given to examining topics such as professional ethics, intellectual freedom, access to information, freedom of expression, censorship, privacy, the role of the library in the community and with diverse populations, and the current social, political, and legal issues surrounding information and libraries.
Prerequisites: INFM 101, INFM 104.

INFM 219
Archival Principles and Practices
3 Credits Weekly (3-0-0)
Students are introduced to the theory and practice of archival science, including acquisition, appraisal, arrangement, description and reference services and the role of the archival technician. Students also study best practices in preservation and conservation, outreach, security, digitization and digital preservation.
Prerequisites: INFM 209.

INFM 258
Information Systems Design
3 Credits Weekly (3-0-0)
Students are introduced to library and information systems and technologies used in information environments. Topics include identifying library system vendors and products, and explaining how the various technology systems work in relationship to each other to provide library services. Students will evaluate technologies based on user need, user experience and usability principles, and universal design and accessibility concepts. Technology trends and the use of technology planning for the future will also be discussed.
Prerequisites: INFM 202 and CMPT 104.

INFM 259
Information Services Management
3 Credits Weekly (3-0-0)
This course explores the management of library operations, focusing on organizational structure, organizational behavior, human resources, and financial management. The course outlines theories, practices, and general management principles of library and information settings. Students identify and examine the governance of libraries and use project management techniques to align library projects with strategic goals.
Prerequisites: INFM 202 and INFM 210.

INFM 260
Field Placement
3 Credits Total (0-0-140)
Students gain practical experience through supervised workplace learning in a library or information setting. Prior to field placement, students develop a list of objectives and attend seminars to prepare for a library, archives, or records management workplace environment. Seminars may provide students with additional information about library and information work.
Prerequisites: INFM 210, INFM 258 and INFM 259.

INSE – Integration Seminar

INSE 098
Integration Seminar
0 Credits Weekly (0-0-2)
Students in the Physical Education transfer program acquire the skills to aid in the transition from high school to university level work. Sessions include: database searches, writing term papers, exam writing skills, time management, avoiding plagiarism and others. This is a required course for all students enrolled in the first year of the Physical Education transfer program. (This course carries no credit towards a degree).

INSE 099
Integration Seminar
1 Credit Total (0-0-7)
This course is designed to provide students in University Studies an opportunity for general academic development and planning. Students are updated on current happenings at the University of Alberta, in order to facilitate a smooth transfer between institutions. This is a required course for all first-year science students. (This course carries no credit toward a degree.)

INSR – Insurance Studies

INSR 101
Insurance Principles and Practices
3 Credits Weekly (3-0-0)
Students develop an understanding of basic insurance principles and the primary benefits insurance contributes to society. Students are introduced to legal concepts and the legal environment in which insurance operates. They examine an insurance contract and are introduced to the legal elements required of all legally binding contracts. They explore the concepts of risk and its relationship to insurance. The role of risk management and the risk management process are introduced. Students examine insurance application forms, policies, binders, claims forms, and other documents common to the industry. Students differentiate between the various organizational forms of insurance companies and brokerages and are introduced to the reinsurance companies and the role they perform in the marketplace. They also develop an understanding of the types and methods of reinsurance.

INSR 202
Property Insurance
3 Credits Weekly (3-0-0)
This course is an introduction to property insurance. Students examine the basic fire insurance policy and the evolution and broadening of it. Students are introduced to mortgage clauses, limitation clauses, including co-insurance, and statutory conditions relating to property insurance. Using basic form insurance policies, students examine how policy wordings are adapted and expanded to cover the various needs of the consumers of personal lines insurance policies. The examination introduces students to habitational policies such as Homeowners' forms, Tenants' forms, and others. Students also evaluate the influence of legislation in the development of standardized property insurance wordings and practices.

INSR 203
Automobile Insurance
3 Credits Weekly (3-0-0)
Students are introduced to automobile insurance practices including application forms, policy wordings and endorsements. Students examine insurance programs for insurance availability, provincially governed indemnity funds, as well as automobile insurance rating and marketing. This course focuses primarily on automobile insurance provision in Alberta, but students are also introduced to the various plans in all other Canadian jurisdictions.

INSR 204
Liability Insurance
3 Credits Weekly (3-0-0)
Students examine important legal principles affecting liability insurance, including the basis for legal liability (common law, statutory and contractual). The Commercial General Liability Policy forms the basis for student learning in insurance contract analysis. Cases are used to apply hypothetical liability claims to determine coverages. Other coverages include products liability, workers' compensation, employers' liability and environmental liability. The course includes a brief discussion of underwriting and rating of liability insurance.
Prerequisites: At least one of INSR 101 or INSR 203.

INSR 210
Essential Skills for the Insurance Broker and Agent
3 Credits Weekly (3-0-0)
Students develop an understanding of insurance business practices from the broker's perspective. This skills-based course concentrates on the needs of personal lines clients and small commercial risks. Students examine the role of an agent or of a broker as an insurance intermediary. The progress of a risk from initial contact with the client through the evaluation and application process, to binding and policy documents is traced. Major product lines and common policy transactions that a broker or agent handles on a daily basis are examined.
Prerequisites: At least one of INSR 101 or INSR 203.

INSR 211
Essentials of Loss Adjusting
3 Credits Weekly (3-0-0)
Students develop an understanding of insurance and professional conduct within the claims domain. Students examine soft skills and technical skills required to handle insurance claims. Through a step-by-step process, students move from understanding to application, analysis, synthesis and evaluation of hypothetical claims scenarios in order to determine: a) if coverage exists, and b) how much of the claim is payable. The types of claims include automobile, property and liability.

INSR 212
Underwriting Essentials
3 Credits Weekly (3-0-0)
The underwriter's role as an investor of shareholder capital on behalf of the insurer is explored. Students examine the role of the underwriter in accepting or rejecting risk for the insurer within parameters both set by the insurer and imposed by the external environment. Consideration is given to the many types of detailed knowledge, the "hard" and "soft" skills, and the temperament of an underwriter needed to perform effectively and efficiently. These characteristics are applied in the analysis of individual property, liability, and automobile risks.
Prerequisites: At least one of INSR 101 or INSR 203.

INSR 300
Insurance and Risk Management
3 Credits Weekly (3-0-0)
This course provides the theory and application of risk management and insurance a manager needs to ensure that an organization minimizes its exposure to loss while meeting its objectives. Key topics include risk identification and evaluation, and selection and implementation of risk management techniques. Other topics include insurance as a risk financing tool to pay for losses that do occur, insurance policy provisions, loss exposures and insurance for property, liability, life, health and income, and government regulations concerning risk management and insurance.

INTA – Interdisciplinary Studies in the Arts

INTA 210
The Arts in Culture
3 Credits Weekly (3-0-0)
This course emphasizes the foundations of academic study in the arts, studio and experiential learning, and situates the arts within a cultural historical context. Students examine influences on the development of Canadian arts and culture as well as the influence of the art school in establishing present day Canadian arts infrastructure, arts funding and the organizational models and frameworks within which artists and arts managers work today.

INTA 220
Cultural Theory
3 Credits Weekly (3-0-0)
This course surveys the intellectual traditions (epistemology, philosophy) that inform cultural theory. Students recognize theory in practice by engaging in discussion about a variety of cultural forms and practices. As an interdisciplinary body of knowledge, cultural theory provides a range of tools to analyze how cultural practices and meanings are produced, circulated, and exchanged. Cultural studies complement all forms of study in the humanities and theatre, fine art and design, media and communications, education, and law. This course prepares students as informed and engaged critical thinkers in relation to important contemporary cultural issues and everyday experiences.
Prerequisites: INTA 210, or for non-BFA students, completion of 60 credits.

INTA 240
Arts/Practice-Based Research
3 Credits Weekly (1-2-0)
This course introduces fundamentals of practice-based research. These fundamentals apply across disciplines in the arts and cultural sectors; they include (but are not limited to) studio-based inquiry, performance-based research, material research, performance-based historiography, audience reception, and qualitative inquiry based on participant experience. With emphasis on research-based praxis and reflective arts/practice-based process, students will develop, execute, and evaluate a small-scale arts research project. Note: Students can only receive credit for one of either ARTE 119 or INTA 240, and ARTE (p. 655) students may not take INTA 240.
Prerequisites: INTA 210, or for non-BFA students, completion of 60 credits.

INTA 300
Confluence and Culture
3 Credits Weekly (3-0-0)
Students are introduced to the conceptual approaches of cultural studies. Course content examines the ways in which culture creates and transforms individual experiences, everyday life, social relations, and power.
Prerequisites: INTA 220, or for non-BFA students, completion of 60 credits.

INTA 310
The Arts in Urban Regeneration
3 Credits Weekly (3-0-0)
Artists are developing collaborative and participatory practices to engage disenfranchised or disadvantaged people to form safe communities, promote social inclusion and foster community renewal through art and culture. Students examine the social, cultural, artistic, philosophical and ethical context of art and community development practice. Students discuss the principles of cultural community development and examine the complexities of cultural community development projects.
Prerequisites: INTA 210, or for non-BFA students, completion of 60 credits.

INTA 360
The Arts and Pedagogy
3 Credits Weekly (3-0-0)
The teaching artist is a two-career professional: working artist and working educator. The teaching artist is a link between students' ability to think creatively and their artistic practice. Arts education comprises a constellation of programming that includes information instruction, community-based teaching, therapeutic, and accredited school-based teaching for students of all ages. In this course, artists discuss learning and learners, plan and conduct individual and group lessons, consider student assessment, and evaluate the role of the teaching artist. Important legal obligations and ethical issues for the teaching artist are threaded through the course content.
Prerequisites: INTA 210, or for non-BFA students, completion of 60 credits.

INTA 362
First Peoples and The Arts
3 Credits Total (30-30-0)
Students develop awareness of First Peoples' cultures from a First Peoples' perspective on historical and contemporary issues. This course explores the distinctive place of art and artwork within Indigenous cultures. Even though historical and contemporary issues can be difficult to discuss, students examine how and why artistic work is central to the being and the life of First Nations, Inuit, and Metis in Alberta and Canada. Content and emphasis of this course may vary with the research interest of the instructor.
Prerequisites: INTA 210, or for non-BFA students, completion of 60 credits.

INTA 412
Interdisciplinary Arts Project
3 Credits Total (15-30-0)
In this course, students form an interdisciplinary group to create an artistic project that speaks to a topic of interest in a cultural context. To complete a collaborative work, students think in experimental and innovative ways as they plan, organize, produce, and self-manage an original project. Works produced, such as project charters, art work, audience analysis reports, production methods, management strategies, and the methods by which a project is evaluated, will form useful components of a graduating student's portfolio.
Prerequisites: INTA 210, or for non-BFA students, completion of 60 credits and consent of the department.

INTA 414
Making a Career in the Arts
3 Credits Total (45-0-0)
This course examines the complexity and diversity of possible careers and career paths for artists. Practical tactics and skills such as developing a professional presence online, self-marketing tools and techniques, and networking are discussed and developed. By the conclusion of this course, legal matters, contracts, copyright, and the differences between embedded employment, employment within the cultural sector, and independent work are explored. Note: INTA 414 is not a required course for Arts and Cultural Management major students.
Prerequisites: INTA 210.

INTA 440
Community Engagement Project
3 Credits Total (45-0-0)
Students critically examine current and emerging issues within community-engaged projects in Canada, including (but not limited to) project outcomes; evaluation of projects, risks, roadblocks, and responsibilities; methods; and ethical considerations. Course content focuses on leadership, policy, and cultural and community issues that students investigate and critically consider across the range of communities of interest to students. The process of project development and management encourages students to think creatively and constructively about outcomes and potential pitfalls of community-based projects. While the urban and local context frequently offers the most accessible setting, other possibilities of projects in provincial, national, or international settings may be included depending on the interests of students and faculty. Note: Students may only receive credit in INTA 440 or AGAD 340.
Prerequisites: INTA 210, or for non-BFA students, completion of 60 credits.

INTB – International Business

INTB 255
Doing Business Internationally - Study Tour
3 Credits Total (100-0-0)
This course introduces students to specific business conditions, culture and practices in a host country, countries or area. Students examine doing business abroad from a cultural context. While abroad, students may attend business lectures at universities, tour local companies, and/or meet with business leaders and students allowing them to envelop themselves within the culture of the host country. Students learn about developing intercultural competencies in pre-departure courses and orientations and put their learning into practice while participating in academic, business and community events and activities in the host country, countries or area.
Prerequisites: 24 MacEwan University or Transfer Credits.

INTB 300
Introduction to International Business
3 Credits Weekly (3-0-0)
Students are provided an overview of theory, concepts and issues, related to the field of international business based on the premise that decision making in every company is influenced by a variety of global factors. Topics to be surveyed in detail in this course include: globalization and the globalization debate, political and legal systems around the world, economic systems around the world, components of culture and cross cultural business, ethics in international business, and theories of international trade and investment. Students are also introduced to the various levels of regionalization, key insights on FDI, international financial markets and foreign exchange, international strategy, entry modes, marketing, production, and human resource management.
Prerequisites: ECON 102 and BUSN 201.

INTB 310
Global Business and Sustainability
3 Credits Weekly (3-0-0)
Students examine the increasingly important issue of sustainability of business in different contexts, varying with respect to geography, industry, and organization type and size. Students discuss complex and controversial issues from both a broad macro national/international viewpoint, as well as from the perspective of the management of an individual firm and its stakeholders. Students analyze business decision making with consideration of ecological, social, and ethical factors that matter in different contexts.
Prerequisites: BUSN 201.

INTB 311
Diversity and Intercultural Communication
3 Credits Weekly (3-0-0)
Students study and practice the theoretical and conceptual applications aspects of diversity and cross-cultural communications from an interdisciplinary perspective. The dynamics of diversity in the workplace, cross-cultural communications and the different models used to look at these issues are analyzed. Students assess and analyze situations, case studies, and research and develop tools and skills to lead, navigate, participate and work in diverse and cross-cultural business settings both locally and internationally. Students will also take part in cross-cultural experiences and/or simulations.
Prerequisites: ORGA 201.

INTB 312
Conducting Business in Asia
3 Credits Weekly (3-0-0)
Students study the profiles of the Asia Pacific countries (China, Japan, Korea, Taiwan, Hong Kong and SE Asian countries) and their political, economic and cultural relations with Canada. The business dynamics and trends of Asia Pacific are discussed in detail. Through case studies and group projects, students analyze business practice and acquire the skills to conduct business in Asia. Note: Credit can only be obtained in one of INTB 312 or INTB 320.
Prerequisites: INTB 300 or consent of the program.

INTB 313
Business in Regional World Markets
3 Credits Weekly (3-0-0)
This course takes a "geographic economy" approach to the study of international business theory and practice. Participants analyze blocks of countries that are clustered along diverse dimensions such as geography, economy, politics, and culture. While comparing and contrasting trends across regions, students mobilize the theories learnt previously, learn new ones, and develop critical thinking skills. Note: Credit can only be obtained in one of INTB 313 or INTB 320.
Prerequisites: INTB 300 or consent of the program.

INTB 320
Regional Perspectives of International Business
3 Credits Weekly (3-0-0)
This hands-on course takes a 'geographic economy' approach to the study of international business theory and practice. Participants analyze blocks of countries that are clustered along diverse dimensions such as geography, economy, politics, and culture. While comparing and contrasting trends across regions, students mobilize the theories learned previously, acquire new concepts and tools, and develop critical thinking abilities and analytical skills. Note: Credit can only be obtained in one of INTB 312, INTB 313 or INTB 320.
Prerequisite: INTB 300.

INTB 330
Cross Border Trade Transactions
3 Credits 3-0-0
This course provides a general survey of international trade and commerce. After a review of the relevance of international trade (covering exports, imports, and third country trade) for Canada's income and employment needs, students focus from an international trade manager's perspective, on topics such as export/import organization, foreign exchange, pricing and quotations, government and private export assistance, import/export documentation and procedures, international trade bank financing, documentary credits, international payments and collections, payment risk insurance, marine insurance, export and import shipping logistics management.
Prerequisites: INTB 300.

INTB 380
International Internship or Work Experience
3 Credits Total (0-0-160)
Students gain discipline-related practical work experience in international operations located in Canada or overseas. Students must perform a minimum of 160 (minimum of 4 weeks) work hours in a full-time job approved by the program. While students are engaged in paid work, they are assessed on learning outcomes generated in conjunction with a discipline advisor.
Prerequisites: Approval of the Department.

INTB 400
Global Strategy
3 Credits Weekly (3-0-0)
In this course, students apply insights from international business to evaluate strategic imperatives, organizational challenges, and managerial implications of transnational organizations. Students evaluate global environments, industries, global value chains, and firm's value chain to develop potential strategic alternatives for the organization. A combination of theory and case analysis provides students with the theoretical and applied understanding of how global businesses develop and attain their objectives. Note: Credit can only be obtained in one of INTB 412 or INTB 400.
Prerequisites: INTB 320 and INTB 330.

INTB 413
International Entrepreneurship
3 Credits Weekly (3-0-0)
This course addresses issues specific to international venturing and including search and identification of opportunities in foreign markets, logistics of international business expansion, cross-cultural business communication, international sourcing, international deal making and networking.
Prerequisites: Third year standing as well as BUSN 201.

INTB 497
Special Topics in International Business
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of International Business, Marketing, and Strategy for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level INTB *(*p. 761*) course and consent of the department chair or designate.*

INTB 498
Independent Studies in International Business
3 Credits Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of international business. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods, to arrive at warranted conclusions and outcomes that will advance international business knowledge or practice or create meaningful results. Note: This course can be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

INTB 499
Honours Thesis - International Business
3 Credits Weekly (3-0-0)
Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.
Prerequisites: BUSN 496.

INTD – Interdisciplinary Courses

INTD 105
Interpersonal Communication
3 Credits Weekly (3-0-0)
This course provides students with the knowledge and skills to communicate effectively with people from diverse backgrounds. Students learn the importance of self-awareness, relationship development, diversity competency, and conflict management as essential skills for the human service professional.

INTD 122
Indigenous People and Justice in Canada
3 Credits Weekly (3-0-0)
This course offers a critical evaluation of the cultural, historical, and contemporary experiences of Indigenous Peoples of Canada and their relationship with the justice system. It explores the impact of colonization on Indigenous overrepresentation in the criminal justice system, Indigenous approaches to justice, the role of Indigenous practitioners in the justice system, and culturally responsive intervention practices.

INTD 200
Disability as an Aspect of Human Diversity
3 Credits (3-0-0)
This course provides students with an appreciation and understanding of the importance of seeing disability as an integral aspect of human diversity. With a focus on social justice, students gain skills to create communities that foster active citizenship.

INTD 205
Introduction to the Social Determinants of Health
3 Credits Weekly (3-0-0)
This course introduces students to the social determinants of health. Students will learn about the social, political and economic forces that shape the health of individuals which is central to a deeper awareness of inequities in health. Students will critically examine what determines health, become more cognizant of social inequities in health and will be able to make informed recommendations on improving the health status of diverse populations in Canada.

INTD 208
Introduction to Mental Health Promotion
3 Credits Weekly (3-0-0)
This course introduces students to the continuum of mental health promotion. Students will learn about mental health as a social determinant of health and how social, political and built environments can foster and/or challenge the health of individuals. Students will identify pathways to mental health promotion via primary, secondary and tertiary prevention. Students will examine mental health promotion policies in order to determine how issues of equity contribute to mental health status and the overall health of individuals.

INTD 210
Global Issues in Public Health
3 Credits Weekly (3-0-0)
Individual and population health is shaped by local, national, and international historical, sociocultural, economic, and environment factors. These serve as the drivers of public health policy and practice in Canada and around the world. In this course, students will explore in a global context, issues such as health protection and disease, injury prevention, health promotion, health assessment and surveillance, and the response to emergent health crises.

INTD 215
Climate Change and Health
3 Credits Weekly (3-0-0)
Climate change is not only a phenomenon of the physical environment, it is a significant factor in determining individual and population health and safety. In this course, students will explore the impact of climate change in Canada and in select other regions of the world as an influence on health and on the capacity of health care and emergency response systems to address climate-induced health challenges.

INTD 220
Wicked Problems in Health: Developing Healthy Communities
3 Credits Weekly (3-0-0)
Societal health issues are complex. In this course, students examine a strategic systems approach to defining difficult problems in public health by exploring the connecting and interacting elements that define the challenge. By examining specific and current issues, students develop the tools needed to understand whole problems beyond a siloed approach and learn the skill of mapping a problem fully as the basis for generating sustainable and viable solutions.

INTD 225
Sport, Development and Peace
3 Credits Weekly (3-0-0)
Sport can enable, but also disable positive social development. In this course, students will explore the relationships that sport, from local to global contexts, has with social development, with particular emphasis on peace and conflict resolution. The Canadian sport system will be the foundation for analyzing the role that sport can play in constructive social development. Building on this foundation, students will examine other regions of the world, different cultural contexts and the role that sport plays in them.

INTD 228
A Critical Approach to the Business of Sport
3 Credits Weekly (3-0-0)
Sport whether professional or amateur, major or minor, has aspects of business that underlie its success or failure. In this course, students will explore the ways in which formal sport organizations operate from the perspective of vision, mission, and goals. Revenues and costs, people and culture, and their relationship with the political, economic, and social climate in which they exist will be considered. Both Canadian and international perspectives will be studied.

INTD 230
Working with Sexual and Gender Minority Children and Youth
3 Credits Weekly (3-0-0)
This course provides students with the knowledge, skills, and attitudes necessary to effectively work with and support lesbian, gay, bisexual, trans, two-spirit, queer and questioning children and youth in a variety of workplace, educational, and community settings and contexts. Note: Students cannot obtain credit in both SOWK 433 and INTD 230.

INTD 250
Introduction to Indigenous Perspectives
3 Credits Weekly (3-0-0)
Students engage with the philosophical foundations of Indigenous knowledge, worldviews, and its implications for professional engagement with Indigenous peoples and communities. Through the examination of both historical and contemporary policy, students critically reflect on their own positioning in relation to Indigenous peoples, the ongoing impact of colonialism, and ways to move forward that are in alignment with the Truth and Reconciliation Commission of Canada: Calls to Action. Through self-exploration and introspection, students investigate how their personal values, beliefs and experiences may impact their future practice. Topics explore the importance of language, ceremony, and land in the Indigenous culture and how this can inform professional practice when working with children, youth, and families.

JAPN – Japanese Language

JAPN 101
Introductory Japanese I
3 Credits Weekly (5-0-0)
This is an introductory course for students with little or no background in Japanese or whose native language is not Japanese. The four language skills of oral/aural comprehension, speaking, as well as basic reading and writing are emphasized. In addition, students are acquainted with some aspects of Japanese culture. Note: Students with native or near-native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes those students with credit in Japanese 30, 35 or equivalent.

JAPN 102
Introductory Japanese II
3 Credits Weekly (5-0-0)
This course is a continuation of JAPN 101. Students continue to acquire further oral/aural comprehension skills in introductory Japanese, and continue to develop reading and writing skills of approximately 85 Kanji. In addition, students develop their understanding of various aspects of Japanese culture. Note: Students with native or near-native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes those students with credit in Japanese 30, 35 or equivalent.
Prerequisites: Minimum grade of C- in JAPN 101.

JAPN 201
Introductory Japanese III
3 Credits Weekly (5-0-0)
This course is designed for students who wish to develop further their oral/aural comprehension skills at the intermediate level of Japanese, as well as continue to develop reading and writing skills of approximately 90 Kanji. In addition, students continue to improve their understanding of various aspects of Japanese culture. Note: Students with native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30 should consult the department.
Prerequisites: Minimum grade of C- in JAPN 102.

JAPN 202
Introductory Japanese IV
3 Credits Weekly (5-0-0)
This course is a continuation of JAPN 201. Students continue to gain fluency in oral/aural comprehension at the intermediate level of Japanese, and continue to develop reading and writing skills of approximately 90 new Kanji. In addition, students continue to improve their understanding of various aspects of Japanese culture. Note: Students with native proficiency in Japanese cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Japanese 30 should consult the department.
Prerequisites: Minimum grade of C- in JAPN 201.

LATN – Latin Language

LATN 101
Introductory Latin I
3 Credits Weekly (3-1-0)
This is an introductory course for students with little or no background in Latin. It includes the study of the fundamental grammatical structures, vocabulary, and morphology of Classical Latin so that students may read and understand simple Latin texts. In-class instruction is supplemented by a laboratory component in which students complete additional written practice and exercises. Note: This course is not open to students with credit in Latin 30, 35, or any other matriculation level Latin course.

LATN 102
Introductory Latin II
3 Credits Weekly (3-1-0)
This course is a continuation of Introductory Latin I. Students continue their study of the elements of Classical Latin grammar and syntax, vocabulary, and morphology as they read increasingly difficult Classical Latin texts. In-class instruction is supplemented by a laboratory component in which students complete additional written practice and exercises. Note: This course is not open to students with credit in Latin 30, 35, or any other matriculation level Latin course.
Prerequisites: A minimum grade of C- in LATN 101.

LATN 201
Intermediate Latin
3 Credits Weekly (3-1-0)
In this course students continue their study of Classical Latin, learning increasingly complex grammatical and syntactical structures. They begin to translate intermediate, unmodified Latin texts. In-class instruction is supplemented by an online laboratory component in which students complete additional written drills, practice, and/or exercises.
Prerequisites: A minimum grade of C- in LATN 102.

LATN 301
Reading Latin I
3 Credits Weekly (3-0-0)
This course strengthens students' reading and writing skills in Latin. Through the reading of unadapted original passages of complex intermediate Latin texts, students apply their knowledge of complex syntactical, grammatical, and morphological structures. The course typically focuses on a single author (e.g., Caesar, Ovid) or genre of Latin literature (e.g., history, love elegy), as chosen by the instructor. Students can take this course up to three times provided the author/genre is different.
Prerequisites: Minimum grade of C- in LATN 201.

LATN 302
Reading Latin II
3 Credits Weekly (3-0-0)
In this course, students strengthen their reading and writing skills in Latin by reading and translating original Latin texts. The course also includes Latin composition, the acquisition of additional vocabulary, and continuing analysis of syntactical and grammatical structures. The course typically focusses on a single author (e.g., Cicero, Virgil) or genre (e.g., oratory, epic poetry), as chosen by the instructor. Students can take this course up to three times provided the author/genre is different.
Prerequisites: Minimum grade of C- in LATN 301.

LATN 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

LATN 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

LEGL – Legal Studies

LEGL 100
Introduction to Law I
3 Credits Weekly (3-0-0)
Students are introduced to the Canadian legal system and substantive areas of law that are of special interest to legal office support staff. The student will acquire a general knowledge of the basic principles of law and will be able to appropriately apply them to support roles in the legal work environment. Topics of study include the Canadian legal system, constitutional law, human rights, tort, contract, and criminal law.

LEGL 104
Introduction to Law II
3 Credits Weekly (3-0-0)
Students continue the overview of substantive law provided in Introduction to Law I. The students will acquire a general knowledge of the basic principles of law and will be able to appropriately apply them to support roles in the legal work environment. Topics of study include the civil litigation process, wills and inheritance, family law, personal property, real property, and real estate law.
Prerequisites: LEGL 100.

LEGL 116
Legal Computing and Procedures
3 Credits Weekly (3-0-0)
Through the analysis of legal information, management and preparation of business and legal correspondence and legal documents, this course focuses on developing students' knowledge of legal software and development of proficiency required for effective use of commonly used legal software. Students will be introduced to legal procedures used in the modern legal environment and learn how information is managed in the legal environment.

LEGL 180
Financial Procedures for the Law Office
3 Credits Weekly (3-0-0)
Students study law office administration, with a focus on the procedures and concepts used in law office accounting/trust accounting.

LEGL 200
Paralegals and the Legal Environment
3 Credits Weekly (3-0-0)
Students examine the role of the paralegal professional in Alberta, including the paralegal's role in law firms and other legal environments. Students will learn how the profession is governed by ethical rules and the Code of Conduct. Students will examine the organization and operation of the law office, learn techniques for practice management and develop skills for managing the client relationship.
Co-requisites: LEGL 299.

LEGL 210
Business Law I
3 Credits Weekly (3-0-0)
Students are introduced to the Canadian legal system and substantive areas of law that are of special interest to the business student. Topics of study include tort, contract, ethics, agency, partnership and corporations. The student acquires a general knowledge of the basic principles of business law and is able to apply them to everyday business situations. Note: Students can obtain credit in only one of LEGL 105 and LEGL 210.

LEGL 211
Legal Research and Analysis
3 Credits Weekly (3-0-0)
Students are introduced to the fundamental elements of legal research including analysis of primary and secondary research materials. This course focuses on legal research tasks and analysis, including researching and citing case law, statutes, regulations and legal treatises and monographs.

LEGL 212
Employment Law
3 Credits Weekly (3-0-0)
Students examine the principles of employment law and its effects on human resources policies and procedures. Students apply contract principles to the employment relationship from both employer and employee perspectives to achieve equitable employment relations. Legislation examined includes labour standards, human rights and privacy. This course does not discuss unionized workplaces.

LEGL 216
Legal Drafting and Information Management Procedures
3 Credits Weekly (3-0-0)
In conjunction with its pre-requisite course, LEGL 116, Legal Drafting and Procedures further develops student skills in analyzing, organizing and communicating legal information using legal drafting and document preparation skills necessary in a modern legal environment. Students are introduced to related legal information management procedures used in the legal environment.
Prerequisites: LEGL 116 or LEGL 170.

LEGL 221
Criminal Law
3 Credits Weekly (3-0-0)
Students are introduced to substantive law as well as the procedures for criminal law in Canada. Topics include, definitions of offences, related defences, effect of the Charter of Rights on the administration of criminal law, search and seizure powers, arrest, disclosure of information held by the Crown Prosecutor and trial processes.

LEGL 231
Corporate Procedures
3 Credits Weekly (3-0-0)
Students learn the procedural and substantive law governing Alberta proprietorships, partnerships and corporations, and federal corporations, as well as the processes to create, maintain, amend and terminate the registrations of such organizations.

LEGL 235
Civil Litigation and Dispute Resolution
3 Credits Weekly (3-0-0)
Students explore contemporary developments in law and the practice of civil litigation and dispute resolution alternatives. Subject matter will include litigation steps and processes such as commencement and pleadings, applications, discovery, trial preparation and judgment procedures under the Rules of Court, Court of Queen's Bench Act and Provincial Court Act. Students will examine selected topics in the litigation process such as personal injury actions, settlement, experts, and civil appeals and will explore alternatives to litigation including alternative dispute resolution methods such as judicial dispute resolution, mediation and arbitration.

LEGL 250
Real Estate Transactions
3 Credits Weekly (3-0-0)
Students learn the basics of real property law, and in particular how those principles apply to the purchase and sale of real estate. The Alberta Land Titles system is explored in detail. The standard form Real Estate purchase contract is analyzed. The methodology involved in concluding a Real Estate transaction is also covered.

LEGL 261
Creditor and Debtor Law
3 Credits Weekly (3-0-0)
Students learn significant aspects of creditors' and debtors' rights, including relevant statute and case law. The emphasis is on provincial legislation and case law relating to the bringing of debt collection processes and the various means of enforcing a judgment. The enforcement of various security interests and other creditor remedies such as landlords' rights of distress are also reviewed.
Prerequisites: LEGL 210.

LEGL 271
Estate Law
3 Credits Weekly (3-0-0)
Students learn general legal principles surrounding the disposition of property. They explore the law governing the drafting of wills, estates disposition, and substitute decision making (powers of attorney, personal directives and dependent adults). A brief introduction to the law of trusts is also included.

LEGL 281
Family Law
3 Credits Weekly (3-0-0)
Students learn the substantive and procedural law relating to family law matters, including divorce actions, family law chambers applications and desk divorce applications. Students complete a research project on either a procedural or substantive family law topic. The procedural topic will emphasize document production, in conformity, with the Rules and Practice Directives.

LEGL 291
Legal Technology for Paralegals
3 Credits Weekly (0-3-0)
This course provides an overview of the technological tools that are often utilized in the legal services environment. Students become familiar with different technology tools that increase efficiency and productivity; including software for project management, docketing/accounting, e-Discovery and evidence management, secure web transfer, among others tools. Students will also learn about data management and protection as well the capabilities arising from OCR and Metadata characteristics. Prior completion of LEGL 231 and LEGL 235 is strongly recommended.

LEGL 292
Paralegal Studies
3 Credits Total (45-0-120)
Students examine the role of the paralegal professional in Alberta, including the paralegal's role in law firms and other legal environments. Students will learn how the profession is governed by ethical rules and the Code of Conduct. Students will examine the organization and operation of the law office, learn techniques for practice management and develop skills for managing the client relationship. This course includes a 5 week practicum in which students will observe and work as a student intern.
Prerequisites: Minimum 21 credits of completed LEGL *(*p. 765*) course work.*

LEGL 299
Paralegal Studies Practicum
3 Credits Total (45-0-120)
This course (which is to be taken concurrently with LEGL 200) comprises of a 5-week practicum in which students will observe and work as a student intern. The practicum normally takes place in May and June following completion of the student's final term of studies. This course is intended to be taken by students who will have completed all of the requirements of the Paralegal Studies diploma program and who will be a position to graduate upon completion of LEGL 299 and LEGL 200. An assignment may be substituted for the practicum placement in extraordinary circumstances where practicums are not available (such as in the Covid-19 environment). Note: Credit may be granted for either LEGL 292 OR LEGL 200 plus LEGL 299.
Prerequisites: Minimum 24 credits of completed LEGL *(*p. 765*) course work.*
Co-requisites: LEGL 200.

LEGL 308
Administrative Law and the Regulatory Environment
3 Credits Weekly (3-0-0)
Students are introduced to the law that determines how the powers of government and regulatory authorities affect citizens, companies and organizations. Students will gain insight into the governance of modern society through statutory regulations, tribunals and agencies created by government and supervised by the courts. The law is discussed in terms of principles applicable to the boards' hearings and what principles of review and appeal are possible to the Courts. The relationship between the citizen and government is explored by examining specific commissions and authorities established by government.

LEGL 310
Legal Aspects of International Business
3 Credits Weekly (3-0-0)
Students are introduced to basic principles of international law, the legal structure of the contemporary international business environment, Canada's international trade law and services, fundamentals of common international dispute resolution methods and a selection of common international business transactions.
Prerequisites: LEGL 210 or LEGL 211.

LEGL 311
Law of Business Transactions
3 Credits Weekly (3-0-0)
Students will apply legal principles for common business transactions such as confidentiality agreements, partnership agreements, unanimous shareholder agreements, various methods of commercial finance agreements, including secured transactions and equity financing. They will also master the principles and rules concerning the purchase and sale of commercial land and personal property, the purchase of a business enterprise through either purchase of shares of a corporation or by the purchase of assets of a business.
Prerequisites: LEGL 210.

LEGL 312
Legal Issues in the Workplace
3 Credits Weekly (3-0-0)
Students apply the principles of employment law with an emphasis on analysis of legal risks and liabilities. The course surveys important legal issues that arise between employers and non-unionized employees. The course applies contract principles to the employment relationship from both employer and employee perspectives to achieve equitable employment relations. This course does not discuss unionized workplaces.

LEGL 315
Business Law II
3 Credits Weekly (3-0-0)
Students examine selected business law topics including the Sale of Goods Act and consumer protection legislation, priority of creditors and enforcement of secured and unsecured debt obligations, the law of personal and real property including enforcement of mortgages along with bailment of personal property and landlord and tenant relationships. The course includes an introduction to the various forms of intellectual property including copyright, patents, trade-marks, and industrial designs. In addition, the student learns about common law protection of confidential information and trade secrets along with protecting intellectual property in the online environment.
Prerequisites: LEGL 210.

LEGL 320
Law of Business Organizations
3 Credits Weekly (3-0-0)
Students are introduced to the three principal forms of business organization (proprietorships, partnerships, corporations) including variations of these forms such as limited partnerships, limited liability partnerships, professional corporations as well as distributing and non-distributing corporations. Students evaluate the advantages and costs of all three forms pertinent to business persons in Alberta and Canada. Topics include liability and duties of directors and officers of corporations and shareholders' rights and remedies. Students are introduced to the process of forming a simple non-distributing corporation in Alberta.
Prerequisite: LEGL 210.

LEGL 350
Real Estate Law
3 Credits Weekly (3-0-0)
Students learn the basics of real property law, and other legal rules relating to the ownership and use of real property in Alberta. Various types of land ownership are explored, and the Alberta Land Titles system is examined in some detail. The students also gain and understanding of the essentials of mortgages and leases (both commercial and residential). Finally, matters dealing with responsibility for and restrictions on land use, both as outlined in legislation and the common law, are covered.
Prerequisites: LEGL 210.

LEGL 420
Intellectual Property Law
3 Credits Weekly (3-0-0)
Students are introduced to the principal forms of intellectual property (IP), including copyright, patents, trademarks, industrial designs and confidential information (trade secrets). IP law will be discussed using the case law method with reference to applicable legislation. Students will be able to understand the place of IP law in innovation and develop an IP strategy for business and non profit enterprises.
Prerequisite: Minimum of C- in one 300 level LEGL *(*p. 765*) course.*

LEGL 430
Ethics and the Law
3 Credits Weekly (3-0-0)
This course explores the relationship between ethics and the law, between legal rules and the ethical overlay of law. Through reported judicial decisions, legal commentary and current events, students will explore the diversity and range of law as it relates to ethics.
Prerequisite: Minimum of C- in one 300 level LEGL *(*p. 765*) course.*

LEGL 440
Law of Corporate Finance
3 Credits Weekly (3-0-0)
Students are introduced to the law and practice of financing corporations in Canada. Topics covered include the legal nature of equity and debt, basic securities law, structure of the Canadian public markets, private company fundraising, public company finance, private and public mergers & acquisitions and the due diligence process. Processes, procedures, forms of agreements and standard terms & conditions relating to corporate finance law will be discussed, with the goal of providing students with a foundational understanding of the law relevant to the process of raising capital for business growth and development.
Prerequisites: LEGL 210 and FNCE 301.

LEGL 450
Individual Research Topics in Legal Studies
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes, and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project.
Prerequisites: LEGL 210 & LEGL 211 & Consent of the Department.

LEGL 460
Legal Issues in Indigenous Business Relations
3 Credits Weekly (3-0-0)
Students will gain insight into the intersection between law and policy in developing and sustaining successful business relations involving Indigenous people, communities, and territory.
Prerequisites: 300-level LEGL *(*p. 765*) course.*

LEGL 470
Jurisprudence
3 Credits Weekly (3-0-0)
Students are introduced to fundamental jurisprudential principles underlying global legal systems. They will critically examine some central problems in jurisprudence concerning the nature of law and the relevance of legal theory to legal practice. In doing so, students will reflect on how key legal concepts and ideas are shaped by historical, societal, economic, and moral considerations. Topics include defining law; morality versus law; theories of liberty, autonomy, rights, justice, and equality; the rule of law; and civil disobedience.
Prerequisites: LEGL 210 and any 300-level LEGL *(*p. 765*) course.*

LEGL 497
Special Topics in Legal Studies in Business
3 Credits Weekly (3-0-0)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce who declare their major in Legal Studies in Business. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of International Business, Marketing, and Strategy and Law for details regarding current offerings.
Prerequisite: Minimum of C- in one 300 level LEGL *(*p. 765*) course and consent of the department chair or designate.*

LEGL 498
Independent Studies in Business Law
3 Credits Weekly (3-0-0)
In consultation with and supervised by a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of legal studies in business. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance legal studies in business knowledge or practice. Note: This course can be taken twice for credit.

LING – Linguistics

LING 100
Introduction to Human Language
3 Credits Weekly (3-0-0)
This course is an introduction to how human language works: how it is structured, learned, used, studied, and how it changes through time. Examples from English and other languages around the world are discussed. Note: LING 100 makes a nice complement to LING 101, but neither course is a prerequisite or a co-requisite for the other. This course does not fulfill the breadth requirements of either the Bachelor of Arts or the Bachelor of Science.

LING 101
Introduction to Linguistic Analysis
3 Credits Weekly (3-0-0)
Linguistics is best known as the "scientific study of language." This course introduces both language as a general phenomenon and the methodology of modern descriptive linguistics. The course of study covers the fundamental topics of phonetics, phonology, morphology, syntax, and semantics. Note: This Arts course can be used to satisfy the general science requirement of the Bachelor of Science.

LING 204
Canadian English: Structure and Variation
3 Credits Weekly (3-0-0)
How is Canadian English both similar to and different from the many varieties of English spoken around the world? Through the linguistic analysis of Canadian English, this course provides a thorough introduction to the language we speak, including its sounds, grammar, syntax, and semantics, and examines regional varieties and dialects of English within Canada as well as throughout the world. Note: This course does not fulfill program or breadth requirements for either the BA or the BSc.
Prerequisites: A minimum grade of C- in one of LING 100 or LING 101.

MARK – Marketing

MARK 301
Fundamentals of Marketing
3 Credits Weekly (3-0-0)
Students are introduced to important concepts in marketing theory and their applications to real-life business activities. Students examine various marketing strategies and how they apply within the context of business environments. Students also examine consumer behaviour and the marketer's ethical and social responsibilities. Note: Credit can only be obtained in one of MARK 301 or MGMT 131.
Prerequisites: BUSN 201 and ECON 101.

MARK 310
Consumer Behaviour
3 Credits Weekly (3-0-0)
Students apply theory of the consumer decision-making process and develop a marketing plan that is based upon consumer behaviour concepts. Students will explore the facets of consumer behaviour as they relate to corporate social responsibility. Topics include: the consumer decision-making process, individual determinants of consumer behaviour, environmental influences of consumer behaviour and the marketer's influence on consumers.
Prerequisites: MARK 301.

MARK 312
Marketing Research & Analytics
3 Credits Weekly (3-0-0)
Students experience the important role of data gathering and analysis in marketing decision-making. Students examine marketing research concepts and methods in overall business and specific to marketing. Students identify marketing problems, recommend the marketing research design that should be undertaken, gather and analyze qualitative and quantitative marketing data, and make effective decisions based on the analysis. Students are expected to learn how to use software (e.g., Excel) to help with practical data analysis, using numbers to make better marketing decisions. The skills covered in this course are applicable to analyzing and suggesting solutions to marketing problems encountered in both consumer and business-to-business markets, and public, private and social sectors. Marketing research from a sustainability perspective is also explored. Work integrating learning opportunities i.e., collaboration opportunities between the student and real community partners for implementing their learning are provided.
Prerequisites: MARK 301 and MGTS 103.

MARK 314
Marketing Metrics
3 Credits Weekly (3-0-0)
Students examine the critical role of analysis in marketing decision-making and learn how to use and interpret marketing metrics in the development, implementation and evaluation of the marketing strategy. Students enhance their analytical capabilities through applying marketing metrics. The course emphasizes practical analysis, using numbers to make better marketing decisions.
Prerequisites: MARK 301 and FNCE 301.

MARK 403
International Marketing
3 Credits Weekly (3-0-0)
Students broaden their marketing knowledge by building upon knowledge and issues associated with the international context of the marketing of products and services. Topics include: Scope and Challenge of International Marketing; The Cultural Environment of Global Markets; Assessing International Marketing Opportunities; and Developing and Implementing International Marketing strategies. Students design and prepare an international marketing plan. The course also broadens students' understanding of responsibility of international marketers.
Prerequisites: MARK 301.

MARK 412
Service Marketing
3 Credits Weekly (3-0-0)
Students examine the marketing of services in private, public, and non-profit organizations. Students apply service marketing theory to a variety of service-based organizations. Topics include customer relationship management, customer satisfaction, service quality, employees' and customers' role in service delivery, and the services marketing mix factors.
Prerequisites: MARK 301.

MARK 414
Digital Marketing
3 Credits Weekly (3-0-0)
Students apply the principles of marketing communications to the digital marketplace. Through the study of the theory and best practices in digital marketing, students learn to design, assess and implement marketing strategies and solutions for businesses working in a global environment.
Prerequisites: MARK 301.

MARK 416
Business to Business Marketing
3 Credits Weekly (3-0-0)
Students learn major concepts related to business-to-business (B2B) marketing and purchasing with a special focus on business relationships and networks. Students explore similarities and differences between marketing to consumers and marketing to businesses. The course focuses on contemporary trends in organizational marketing theory and practice and the implications of the electronic and global arena for organizational markets.
Prerequisites: MARK 301.

MARK 418
Sales Management
3 Credits Weekly (3-0-0)
Students examine the role of sales in contemporary business organizations with a focus on the formulation, implementation, and evaluation of a strategic sales program. Specific topics include the process of personal selling, the strategic nature of sales management, selecting and recruiting a sales force, and designing a sales force organization. Additional topics include developing account management policies of salesperson performance, and ethical and legal issues in sales management. The course includes a mix of conceptual and applied approaches to provide a balanced view of sales management.
Prerequisites: MARK 301.

MARK 420
Product Management & Branding
3 Credits Weekly (3-0-0)
Students examine the development and management of products in contemporary organizations. Students learn how to build, measure and sustain brand equity. Students also learn to use market research data and marketing models for new product development and its management. Product and brand management from a sustainability perspective is also explored. Work integrating learning opportunities i.e., collaboration opportunities between the student and community partners for implementing their learning are provided.
Prerequisites: MARK 301; MARK 312.

MARK 422
Sustainability and Responsible Marketing
3 Credits Weekly (3-0-0)
Sustainability issues have become a major issue for businesses both in terms of the engagement with and communication of it. This course will examine how the marketing function engages in sustainability issues. Examples found in the non-profit, for-profit and public sectors will be explored. Guest speakers, class discussions and a real-world group project will help students build knowledge and develop capacity to be a positive social change agent through ethical reasoning in marketing management.

MARK 440
Marketing Strategy & Sustainability
3 Credits Weekly (3-0-0)
Students learn how to integrate marketing strategy in complex and dynamic environments. Taking advantage of the latest marketing research results and students' previous knowledge of segmentation, targeting, positioning and the marketing mix (e.g., product, distribution/place, promotion, price), students develop a sustainable marketing strategy report for a real-world organization. Students work on specific cases on sustainable marketing to propose marketing strategies that positively address social and environmental challenges. Work integrating learning opportunities i.e., collaboration opportunities between the student and community partners for implementing their learning are provided.
Prerequisites: MARK 310; MARK 312; two of: MARK 403, MARK 412 or MARK 416; and two of: MARK 414, MARK 418, MARK 420.

MARK 497
Special Topics in Marketing
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of International Business, Marketing, and Strategy for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level MARK *(*p. 769*) course and consent of the department chair or designate.*

MARK 498
Independent Studies in Marketing
3 Credits Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of marketing. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods, to arrive at warranted conclusions and outcomes that will advance marketing knowledge or practice or create meaningful results. Note: This course can be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

MARK 499
Honours Thesis - Marketing
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.
Prerequisites: BUSN 496.

MATH – Mathematics

MATH 010C
Mathematics 10 Common
5 Credits Weekly (6-0-0)
Mathematics 10 Common is equivalent to Alberta Education's Mathematics 10C. This course is intended to prepare students for further studies in high school mathematics. Topics studied include measurement, right triangle trigonometry, powers, irrational numbers, polynomials, factoring, functions and relations, coordinate geometry, and linear systems of equation.

MATH 010R
Mathematics 10 Prep
5 Credits Weekly (6-0-0)
Mathematics 10 Prep is designed to meet the needs of Grade 10 students who wish to enroll in Mathematics 10 Common but do not possess the prerequisite skills. Topics include: fractions and integers, rates, ratios, proportions, percents, exponents, linear equations, polynomials, measurement and geometry. Mental math skills are emphasized throughout the course (calculators are not permitted for assessments in Mathematics 10 Prep).

MATH 020-1
Mathematics 20-1
5 Credits Weekly (6-0-0)
Mathematics 20-1 is equivalent to Alberta Education's Mathematics 20-1 course. Topics include: quadratic functions and equations, radical expressions and equations, rational expressions and equations, the absolute value and reciprocal of functions, linear and quadratic inequalities, sequences and series, law of sines and cosines, and angles in standard position.
Prerequisites: MATH 010C or equivalent.

MATH 020-2
Mathematics 20-2
5 Credits Weekly (6-0-0)
Mathematics 20-2 is equivalent to Alberta Education's Mathematics 20-2 course. Topics include: rates and unit rates, scale factors, inductive and deductive reasoning, laws of sines and cosines, radical expressions and equations, quadratic functions and equations, standard deviation, normal distribution, confidence intervals and margin of error.
Prerequisites: MATH 010C or equivalent.

MATH 030-1
Mathematics 30-1
5 Credits Weekly (6-0-0)
Mathematics 30-1 is equivalent to Alberta Education's Mathematics 30-1 course. Topics include: trigonometry; exponents and logarithms; transformations and inverses of functions; polynomial, rational and radical functions; combinatorics.
Prerequisites: MATH 020-1 or equivalent.

MATH 030-2
Mathematics 30-2
5 Credits Weekly (6-0-0)
Mathematics 30-2 is equivalent to Alberta Education's Mathematics 30-2 course. Topics studied include: set theory; permutations and combinations; probability; rational expressions and equations; exponential and logarithmic functions and equations; polynomial and sinusoidal functions.
Prerequisites: MATH 020-2 or equivalent.

MATH 030P
Pure Mathematics 30
5 Credits Weekly (6-0-0)
Pure Math 30 is equivalent to Alberta Learning's Pure Math 30. It is designed as a preparation course for university mathematics. The course includes the following topics: trigonometry, conic sections, exponential and logarithmic functions, combinatorics, probability and statistics.
Prerequisites: MATH 020P or equivalent.

MATH 031
Mathematics 31
5 Credits Weekly (6-0-0)
Mathematics 31 is equivalent to Alberta Education's Mathematics 31. The course will focus on the study of calculus, both as an end in of itself and as a tool in developing problem-solving skills and analytical thought processes.
Prerequisites: MATH 030-1 or equivalent.
Co-requisites: MATH 030-1 may also be taken as a co-requisite.

MATH 099
Precalculus Mathematics
3 Credits Weekly (3-0-0)
This course reviews and extends the mathematical concepts needed to be successful in university level calculus. Topics include graphing, equations of lines, inequalities, review of elementary algebra, functions, and trigonometry. MATH 099 cannot be used to fulfill the requirements of the Bachelor of Arts, the Bachelor of Commerce, or the Bachelor of Science programs.
Prerequisites: Mathematics 30-1 or Mathematics 30-2.

MATH 100
Calculus I
3.5 Credits Weekly (3-1-0)
This course provides an introduction to the fundamentals of calculus. The students learn about rectangular coordinates, analytic geometry, transcendental functions, inverse functions, limits, continuity, derivatives and applications, Taylor polynomials, integration and applications. Note: This course is restricted to Engineering students. Credit can only be obtained in one of MATH 100 or MATH 113 or MATH 114.
Prerequisites: Mathematics 30-1 and Mathematics 31.

MATH 101
Calculus II
3.5 Credits Weekly (3-1.5-0)
This course provides a continuation of the study of Calculus. Students learn about techniques of integration, arc length, area of a surface of revolution, applications to physics and engineering, first order ordinary differential equations (separable and linear), infinite series, power series, Taylor expansions, polar coordinates, rectangular coordinates in R3, parametric curves in the plane and space (graphing, arc length, curvature), normal, binormal, tangent in R3. Note: This course is restricted to Engineering Program students. Credit can only be obtained in one of MATH 101 or MATH 115.
Prerequisites: Minimum grade of C- in MATH 100.

MATH 102
Applied Linear Algebra
3.5 Credits Weekly (3-1.5-0)
This course provides an introduction to the fundamentals of linear algebra and some of their applications. The course content includes vectors and matrices; solutions of linear equations; equations of lines and planes; determinants; matrix algebra, linear transformations and their matrices; general vector spaces and inner product spaces; orthogonality and Gram-Schmidt process; eigenvalues and eigenvectors; and complex numbers. Note: This course is restricted to Engineering students. MATH 100 may be taken as a co-requisite with consent of the department. The course may not be taken for credit if credit has already been obtained in MATH 120 or MATH 125.
Prerequisites: A minimum grade of C- in MATH 100.

MATH 114
Elementary Calculus I
3 Credits Weekly (4-0-0)
This course examines the fundamental concept of limits, differentiation and integration. Limits and differentiation of algebraic and trigonometric functions are studied along with applications including related rates, optimizing and curve sketching. This course concludes with a study of Riemann sums, the Fundamental Theorem of Calculus and substitution. Note: Students who have received credit in MATH 113 or MATH 100 may not take MATH 114 for credit.
Prerequisites: A minimum grade of 80% in Mathematics 30-1, or successful completion (50% or better) of Mathematics 31, or a minimum grade of C- in MATH 099, or successful completion of the MATH 114 gateway exam.

MATH 115
Elementary Calculus II
3 Credits Weekly (3-1-0)
This course investigates the differentiation and integration of trigonometric, exponential and logarithmic functions. Indeterminate forms and improper integrals are studied, as well as the techniques and applications of integration. Note: Credit can only be obtained in one of MATH 115 or MATH 101.
Prerequisites: A minimum grade of C- in MATH 114.

MATH 120
Basic Linear Algebra I
3 Credits Weekly (3-0-0)
This is an introduction to the basic notions and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product, cross product, and orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, and applications. NOTE: This course cannot be taken for credit if credit has already been obtained in either of MATH 102 or MATH 125.
Prerequisites: Mathematics 30-1 or a minimum grade of 80% in Mathematics 30-2.

MATH 125
Linear Algebra I
3 Credits Weekly (3-0-0)
This is an enriched introduction to the basic notions and methods of linear algebra. Topics covered are: systems of linear equations, vectors in n-space, vector equations of lines and planes, dot product, cross product, orthogonality, matrix algebra, invertibility of matrices, determinants, general vector spaces, basis and dimension, subspaces of n-space, rank, introduction to linear transformations, introduction to eigenvalues and eigenvectors, and applications. NOTE: The course covers the same basic topics as MATH 120, however it is a more rigorous course, and selected topics and applications are covered in more depth.
Prerequisites: Mathematics 30-1.

MATH 160
Higher Arithmetic
3 Credits Weekly (3-0-0)
This course emphasizes the development of clarity in the understanding of mathematical ideas and processes, communication of these ideas to others, and application of these ideas to problem solving. Both inductive and deductive methods are explored in the study of elementary number theory, numeration systems, operations on integers and rational numbers, and elementary probability theory. Note: This course is offered to students who intend to pursue Elementary Education.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the gateway exam.

MATH 200
Fundamental Concepts of Math
3 Credits Weekly (3-0-0)
This course provides an introduction to axiomatic systems and mathematical proof. These ideas are developed using examples taken primarily from set theory and number theory.
Prerequisites: A minimum grade of C- in one of MATH 114, MATH 120, or MATH 125.

MATH 214
Intermediate Calculus I
3 Credits Weekly (3-1-0)
This course completes the study of single-variable calculus and introduces students to the basic concepts of multi-variable calculus. Topics in single-variable calculus include area and arc length of plane curves defined by parametric or polar equations, infinite series, and power series. Topics in multi-variable calculus include: vector functions and space curves, functions of several variables, and partial derivatives with applications.
Prerequisites: Minimum grade of C- in MATH 115, and in either MATH 120 or MATH 125.

MATH 215
Intermediate Calculus II
3 Credits Weekly (3-1-0)
This course continues the study of multivariable calculus. Topics include: curves, tangent vectors, arc length; integration in two and three dimensions; polar, cylindrical and spherical coordinates; line and surface integrals, Green's, divergence and Stokes' theorems; first and second order linear differential equations.
Prerequisites: A minimum grade of C- in MATH 214.

MATH 223
Introduction to Combinatorics
3 Credits Weekly (3-0-0)
This course is an introduction to Combinatorics covering permutations, combinations, binomial coefficients, the binomial theorem, the pigeonhole principle, inclusion-exclusion principle, generating functions, recurrences and applications to graph theory.
Prerequisites: A minimum grade of C- in any 100-level Mathematics course, not including MATH 160 or MATH 170.

MATH 225
Linear Algebra II
3 Credits Weekly (3-0-0)
This course introduces the theory of vector spaces, inner product spaces, linear transformations and diagonalization. Specific topics of study include Euclidean n-space, spaces of continuous functions, matrix spaces, Gram-Schmidt process, QR-factorization, least squares method, change of basis, eigenspaces, orthogonal diagonalization, quadratic forms, matrices of transformations and similarity. Various applications are presented.
Prerequisites: A minimum grade of C- in either MATH 120 or MATH 125.

MATH 228
Algebra: Introduction to Ring Theory
3 Credits Weekly (3-0-0)
This course is an introduction to the theory of rings including integral domains, division rings, ring homomorphisms, ideals, quotient rings, fields of quotients, rings of polynomials, irreducible polynomials, Euclidean domains and fields. Specific topics include the well-ordering axiom, the Binomial Theorem, the Euclidean algorithm, the Fundamental Theorem of Arithmetic, and the Chinese Remainder Theorem.
Prerequisites: Minimum grades of C- in either MATH 200 or MATH 241, and in either MATH 120 or MATH 125.

MATH 229
Abstract Algebra I
3 Credits Weekly (3-0-0)
This course is an introduction to the theory of rings and groups, including integral domains, division rings, ring homomorphisms, ideals, groups, subgroups, cyclic groups and group homomorphisms.
Prerequisites: Minimum grades of C- in MATH 200 and one of MATH 120 or MATH 125.

MATH 241
Geometry
3 Credits Weekly (3-0-0)
The course explores Euclidean Geometry as an axiomatic system, based on invariance under the group of isometries (rigid motions). The material includes congruence, parallelism, similarity, and the theory of measurements based on continuity axioms. The notion of circumference is introduced and treated rigorously. Problem solving is an important component of the course. The problems include proofs, finding loci, and constructions. Transformations in the Euclidean plane are used as a problem-solving tool.
Prerequisites: A minimum grade of C- in any 100-level MATH *(*p. 771*) course, not including MATH 160 or MATH 170.*

MATH 310
Real Analysis
3 Credits Weekly (3-0-1)
This course presents a rigorous treatment of limit processes in one variable. Topics include real numbers, sequences, limits, continuous functions, differentiation, the Riemann integral, and the topology of the real number system.
Prerequisites: Minimum grade of C- in MATH 214 and in MATH 200.

MATH 311
Theory of Functions of a Complex Variable
3 Credits Weekly (3-0-0)
This course provides an introduction to the fundamental concepts of single variable complex analysis. The main topics include analytic functions, complex power series, Cauchy's Integral Theorem, Cauchy's Integral Formula, the residue theorem and applications to improper real integrals and Fourier transforms.
Prerequisites: Minimum grade of C- in MATH 215.

MATH 320
Elementary Number Theory
3 Credits Weekly (3-0-0)
Elementary methods in number theory are presented. The following topics are included: divisibility, linear Diophantine equations, prime numbers, the fundamental theorem of arithmetic, congruences, the Chinese remainder theorem, Fermat's little theorem, arithmetic functions, Euler's theorem, primitive roots, and quadratic residues.
Prerequisites: Minimum grade of C- in MATH 200; a minimum grade of C- in MATH 228 is recommended.

MATH 321
Fields and Modules
3 Credits Weekly (3-0-0)
This course builds on the knowledge of rings and fields obtained in MATH 228, and introduces the student to basic module theory. Topics studied include finite fields, quadratic number fields and algebraic field extensions, the Fundamental Theorem of Algebra, modules, and Noetherian rings.
Prerequisites: Minimum grade of C- in MATH 225 and MATH 228.

MATH 325
Matrix Theory and Applications
3 Credits Weekly (3-0-0)
This course develops the study of matrices and their applications by way of special classes of matrices and matrix structure theorems. The main application will be to optimization problems.
Prerequisites: Minimum grades of C- in MATH 225 and MATH 114.

MATH 329
Abstract Algebra II
3 Credits Weekly (3-0-0)
This course continues the study of Abstract Algebra begun in Math 229 and studies rings of polynomials, divisibility, irreducibility, quotient rings, Euclidean domains, PIDs and UFDs, normal subgroups, quotient groups and the Sylow theorems.
Prerequisites: A minimum grade of C- in MATH 229.

MATH 330
Ordinary Differential Equations
3 Credits Weekly (3-2-0)
This course provides techniques for solving ordinary differential equations and systems of first order equations and investigates the qualitative nature of solutions of dynamical systems. Topics covered include first order equations, linear equations of higher order and linear dynamical systems with constant coefficients.
Prerequisites: Minimum grades of C- in MATH 214, and in either MATH 120 or MATH 125.

MATH 335
Numerical Methods
3 Credits Weekly (3-2-0)
This course presents numerical methods for solving problems in linear algebra, non-linear equations, interpolations, approximation of functions, differentiation and integration. The numerical algorithms are illustrated using an appropriate computer programming language and specific libraries.
Prerequisites: Minimum grades of C- in MATH 214, CMPT 101, and one of MATH 120 or MATH 125.

MATH 341
Modern Geometries
3 Credits Weekly (3-0-0)
This course explores Euclidean and Non-Euclidean plane geometries from the viewpoint of Klein's Erlangen program, based on invariance under groups of transformations in the extended complex plane. Mobius geometry is introduced, and Euclidean, hyperbolic, and elliptic geometries are studied as its subgeometries. The differences in axiomatics and results of the Euclidean and Lobachevsky – Bolyai geometries are discussed based on the disc model of hyperbolic geometry. Elliptic geometry is considered as another Mobius subgeometry.
Prerequisites: Minimum grades of C- in MATH 241, and in either MATH 120 or MATH 125.

MATH 350
Introduction to Graph Theory
3 Credits Weekly (3-0-0)
This course discusses graphs and digraphs, paths and cycles, trees, planarity, colouring problems and matching problems. In addition, graph algorithms and some applications to other disciplines are studied.
Prerequisites: Minimum grades of C- in either MATH 120 or MATH 125, and in either MATH 200 or MATH 222.

MATH 361
History of Mathematics
3 Credits Weekly (3-0-0)
The course is a survey of the history of mathematics from ancient times through the development of calculus and the origins of modern algebra in the nineteenth century. It emphasizes the events that led to the development of modern and classic mathematics from a problem solving perspective. Biographies of famous mathematicians complement the abstract concepts of mathematics.
Prerequisites: Minimum grade of C- in any two 200-level MATH *(p. 771) courses.*

MATH 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic from mathematics in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

MATH 410
Analysis and Topology
3 Credits Weekly (3-0-0)
This course continues the study of Analysis begun in MATH 310 and examines differentiation and integration in Rn. Specific topics covered will include: implicit and inverse functions theorems, Fubini's theorem, differential forms, and the generalized Stokes' theorem.
Prerequisites: Minimum grade of C- in MATH 225 and MATH 310.

MATH 420
Groups and Galois Theory
3 Credits Weekly (3-0-0)
This course is a treatment of symmetry, beginning with groups, then developing the ideas of Galois theory, and finishing with the quintic equation. Topics include groups, normal subgroups, quotient groups, Cayley's Theorem, the Class equation, permutations, group actions, the Sylow theorems, splitting fields, Galois extensions, the Main Theorem of Galois theory, Kummer extensions, cubic, quartic and quintic equations.
Prerequisites: Minimum grade of C- in MATH 321.

MATH 428
Introduction to Galois Theory
3 Credits Weekly (3-0-0)
This course is an introduction to Galois Theory, covering topics such as algebraic extensions, algebraic closure, splitting fields, Galois extensions, the Galois group, the fundamental theorem of Galois theory and solvability of polynomial equations via radicals.
Prerequisites: A minimum grade of C- in MATH 329.

MATH 429
Introduction to the Theory of Modules
3 Credits Weekly (3-0-0)
This course is an introduction into the theory of modules over rings and covers topics as modules, homomorphisms and isomorphisms, quotient modules, free modules, generators, tensor products, Noetherian rings and modules.
Prerequisites: A minimum grade of C- in MATH 329.

MATH 430
Applied Dynamical Systems
3 Credits Weekly (3-1-0)
This course presents an introduction to dynamical systems related to ordinary differential equations in the continuous case, or to difference equations in the discrete case. Elementary existence and uniqueness theorems and stability are considered for linear and non-linear systems of ordinary differential equations. Periodic solutions, chaotic attractors, an introduction to bifurcation theory, basic notions of discrete dynamical systems, and deterministic chaos are discussed. Applications are chosen from biology, physics and other areas.
Prerequisites: Minimum grade of C- in MATH 310 and MATH 330.

MATH 436
Introduction to Partial Differential Equations
3 Credits Weekly (3-2-0)
The goal of this course is to introduce the student to the mathematical modeling of classical physical systems such as vibrating systems, diffusive processes and steady state phenomena. The course starts with a rigorous introduction of the first-order and linear second-order partial differential equations (PDEs) followed by elements of Fourier analysis. The method of characteristics is used to find and interpret classes of solutions for the above models. The lab component will familiarize the student with formal and numerical manipulations of PDE's. The main scope of the lab is to enable the student to visualize and discuss solutions for classical models for PDE's.
Prerequisites: Minimum grades of C- in MATH 310 and MATH 330.

MATH 495
Special Topics in Mathematics
3 Credits Weekly (3-0-1)
This course examines an advanced topic of specialization in mathematics. The instructor chooses the topic in any given semester. Students can take this course up to three times, provided the course topic is different.
Prerequisites: A minimum grade of B- in a 300-level MATH (p. 771*) course and consent of the department.*

MATH 498
Advanced Independent Study in Mathematics
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic from mathematics in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

MATH 499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor, registered students explore a specific topic in depth through research or directed reading. The student plans, executes, and reports the results of their independent research or study project under the direction of a faculty supervisor in a written Honours Thesis with oral defense. Note: This course is intended for students in the final year of their degree and is open only to students in the Mathematics Honours program.
Prerequisites: Consent of the Department.

MGMT – Business Management

MGMT 231
Personal Selling
3 Credits Weekly (3-0-0)
Students explore the philosophies and approaches to the personal selling process. The course emphasizes the benefits of developing a consultative approach to selling. Focusing on the customer and not on the transaction is the fundamental element in developing long-term business relationships, providing value and establishing differentiation in the marketplace.

MGMT 261
Integrated Management Practice
3 Credits Weekly (3-0-0)
In this capstone course, students integrate learning from previous courses such as management, accounting, finance, marketing, business research and human resources management. Focusing on the strategic application of management theory from these areas, students demonstrate the ability to translate learning into effective management practice both individually and as part of a team. The core learning activity in this course is a business strategy simulation.
Prerequisites: HRMT 200 and (MGMT 211 and MGMT 240) or (ACCT 218 and MGMT 131 and PGMT 125).

MGTS – Management Science

MGTS 103
Introduction to Business Statistics
3 Credits Weekly (3-1-0)
This course provides an introduction to descriptive and inferential data analysis in business. Topics include: data visualization through tables and graphs, probability, discrete and continuous random variables, probability distributions, sampling, hypothesis testing for means and proportions, and decision analysis. Lectures are accompanied by lab sessions during which students learn applications of business statistics using Excel spreadsheets.

MGTS 107
Business Computing
3 Credits Weekly (3-0-0)
Students develop foundational computer skills in the areas of file management, word processing, spreadsheet analysis, and presentation development in order to support subsequent courses in their university career and to prepare them for the business world. Students solve business problems through data analysis, financial forecasting, and the use of charts and visualizations. Credit can only be obtained in one of MGTS (p. 775)107 or MGMT (p. 775)107.

MGTS 113
Introduction to Quantitative Decision-Making
3 Credits Weekly (3-0-0)
Students are introduced to quantitative techniques commonly used in managerial decision-making. Students focus on the applications of these techniques to major decision-making areas of business. Topics include: the use of ratios, proportions, percents, and equations to solve business problems, simple and compound interest, analysis and interpretation of the time value of money, progressions and their applications in finance, linear programming and optimization, data visualization techniques and their applications in managerial decision making, and break-even analysis. Note: Credit can only be obtained in one of MGTS (p. 775)113 or FNCE (p. 738)113.

MGTS 312
Advanced Business Statistics
3 Credits Weekly (3-1-0)
This course builds upon MGTS 103 (Introduction to Business Statistics) by introducing students to simple and multiple regression analysis and model-building techniques with special emphasis on data-driven decision making in a business context. Lectures are accompanied by lab sessions during which students learn applications of business statistics using Excel.
Prerequisites: MGTS 103.

MGTS 315
Computational Thinking
3 Credits Weekly (3-0-0)
Students will develop computational thinking skills as an approach to problem solving in this course. Students will learn the logical procedures and steps in the computational thinking approach which include decomposition, pattern recognition, abstraction, and algorithm design. Note: Credit can only be obtained in one of PSYC 315 or MGTS 315.
Prerequisites: Second year standing as well as minimum grades of C- in one of PSYC 104, 105, or ORGA 201, and in one of STAT 151, STAT 161, or MGTS 103.

MGTS 352
Operations Management
3 Credits Weekly (3-1-0)
This is a problem-solving course where students explore the managerial and strategic considerations of operations management decisions by examining and applying techniques such as capacity management, inventory management and control methods, waiting line theory, forecasting, project management and control techniques, and other operations management topics. Spreadsheet modeling is used to implement some of these techniques.
Prerequisites: One of MGTS 103 or STAT 141 or STAT 151 or ACCT 215.

MGTS 401
Advanced Data Modeling in Business
3 Credits Weekly (3-0-0)
Students will develop knowledge and skills in advanced data modeling and will learn about different models for data sets in which the assumptions of the multiple regression model are not met. The discussion is illustrated with examples from key functional areas of business where decision making has benefited from advanced data modeling. The students will learn to use statistical software programs such as R to conduct their analyses.
Prerequisites: Minimum grade C+ in MGTS 312 or equivalent.

MGTS 417
Knowledge Discovery and Data Mining
3 Credits Weekly (3-0-0)
Students will develop proficiency in data mining techniques and the knowledge discovery process.The analyses are set in a business context where students learn to formulate a data mining problem in response to project objectives. Students will develop knowledge in using data mining software.
Prerequisites: Minimum grade C+ in MGTS 312 or equivalent.

MGTS 485
Business Intelligence Consulting I
3 Credits Weekly (3-0-0)
Students will develop knowledge and skills in conducting and managing internal and external business intelligence consulting projects.
The course content is developed for integration into progressively complicated hands-on projects.
Prerequisites: MGTS 401, and MGTS 315 or PSYC 315.

MGTS 486
Business Intelligence Consulting II
3 Credits Weekly (3-0-0)
Students will further their knowledge and skills in conducting and managing internal and external business intelligence consulting projects. Course content is developed for integration into hands-on projects with real data provided by actual stakeholders. This course builds upon the business intelligence consulting processes by emphasizing students' ability to conduct quality control of their own work and simultaneously manage multiple trade-offs and considerations.
Prerequisites: MGTS 485, and MGTS 417.

MGTS 497
Special Topics in Management Science
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Decision Sciences and Supply Chain Management for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level MGTS *(*p. 775*) course and consent of the department chair or designate.*

MGTS 498
Independent Studies in Management Science
3 Credits Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of management science. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and out comes that will advance management science knowledge or practice or create meaningful results. Note: This course can be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

MUSC – Music

MUSC 100
Introduction to Music
3 Credits Weekly (3-0-0)
This course is an introduction to the study of music through a historical survey of Western art-music with an emphasis on listening, rudimentary theory, and analysis. In addition, students identify some of the individuals and socio-political forces that shaped the development of this music. Students are not required to be able to read or perform music.

MUSC 103
Theory I: Introduction to Music Theory
3 Credits Weekly (3-0-0)
Students are introduced to the rudiments of music and music theory, the fundamentals of functional harmony, and the foundations of common practice and jazz/contemporary harmonic theory. The course is coordinated with Ear Training I curriculum, provides the theoretical background required of first-year principal instrument, master classes and performance ensembles, and prepares students for advanced studies in theory and its application to interpretation, arranging and composition.

MUSC 104
Theory II: Harmony, Voice Leading, and Function
3 Credits Weekly (3-0-0)
Students expand their understanding of the vertical and linear aspects of harmony including chord structure and voicing, voice leading, chord progressions, chord substitutions, harmonic function, and the phrase model. Students focus on the application of theoretical concepts through analysis and writing. The course is divided into two parts: (1) jazz harmony and relevant issues in contemporary popular music; (2) common-practice harmony and voice leading.
Prerequisites: MUSC 103.

MUSC 111
Ear Training I
3 Credits Total (45-0-0)
Students develop essential musical skills including aural identification and vocalization of intervals, chords, rhythms and melodies, as well as sight singing melodies and rhythms. Ear Training I is aligned with course content and learning in Theory I.

MUSC 112
Ear Training II
3 Credits Weekly (0-3-0)
Students continue to develop the essential musical skills introduced in Ear Training I including aural identification and vocalization of intervals, chords, rhythms and melodies, melodic and rhythmic dictation, and sight singing melodies and rhythms. Ear Training II is aligned with instruction and learning in Theory II.
Prerequisites: MUSC 111.

MUSC 123
Musicology I: Historical Musicology
3 Credits Weekly (3-0-0)
This course introduces critical listening, research methods, and writing for musicology through the lenses of historical and critical musicology, with a focus on the composition, performance, reception and aesthetics of music over time.

MUSC 124
Musicology II: Popular Music Studies
3 Credits Weekly (3-0-0)
This course builds on the critical listening, research methods, and writing for musicology introduced through the lenses of historical and critical musicology in Music 123. By introducing a critical media studies approach to musicology, this course provides an opportunity to discuss musical creative and musical economics in the digital age. This course also introduces contemporary digital research and dissemination approaches.
Prerequisites: MUSC 123.

MUSC 131
Principal Instrument I
3 Credits Total (0-10.5-0)
Students receive individual instruction in technique and its application to repertoire. The course also consists of a juried examination: a technical jury. Note: Only full-time students admitted to the Music Program may take this course.

MUSC 132
Principal Instrument II
3 Credits Total (0-10.5-0)
Students receive individual instruction in technique and its application to repertoire. The course consists of private lessons and a juried examination: a technical jury.
Prerequisites: MUSC 131.

MUSC 141
Master Class I
3 Credits Weekly (1.5-2-0)
Master Class I is the first in a series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician. Note: Only full-time students admitted to the Music Program may take this course.

MUSC 142
Master Class II
3 Credits Weekly (1.5-2-0)
Master Class II is the second in a series of courses that develop a wide variety of essential performance skills and abilities within an ensemble environment. The Master Class courses address style, repertoire, technique, reading, improvisation, performance, listening and other skills that are necessary for the professional jazz and contemporary popular musician.
Prerequisites: MUSC 141.

MUSC 188
Performance Ensemble
0 Credits Total (0-0-45)
MUSC 188 fulfills the performance ensemble requirement in Term I of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.

MUSC 189
Performance Ensemble
0 Credits Total (0-0-45)
MUSC 189 fulfills the performance ensemble requirement in Term II of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 188.

MUSC 201
Theory III: Jazz Harmony and Analysis
3 Credits Weekly (3-0-0)
Building on the rudiments of jazz harmony introduced in Year 1, this course presents an in-depth study of the vertical and linear structures that are characteristic of traditional and contemporary jazz compositions. Critical listening aligned with score reading is an important activity in this course. Topics include harmonic function, chord construction, chord substitution and linear embellishment, voicing and voice leading, melody, rhythm and form. Students complete analytical, critical listening and critical writing assignments that draw from the significant styles and genres of jazz.
Prerequisites: MUSC 104 or MUSC 102.

MUSC 202
Theory IV: Chromatic Harmony, Form and Analysis
3 Credits Weekly (3-0-0)
This course examines the formal, structural, and harmonic techniques used in tonal music from the late eighteenth century through to the early twentieth century. The study of tertian harmonic structures and chromatic manipulation, and the crucial relationship between harmony, function, and form is the focus of this course. Topics include chromatic harmony, sequences, mixture, modulation, form and analysis. Repertoire for study draws from the symphonic, concerto and chamber music literature from the historical periods in question. Students enhance their theoretical and practical understanding of chromatic harmony by completing a number of compositional, analytical and critical listening assignments.
Prerequisites: MUSC 201.

MUSC 207
Songwriting I
3 Credits Weekly (2-1-0)
This course is an introduction to the art and craft of songwriting in which students develop proficiency in a variety of songwriting techniques. An examination of the songwriting process and related concepts include the relation of meter and rhythm to motive and melody, form, attaching lyrics to melody, and song refinement.
Prerequisites: MUSC 104 or MUSC 102.

MUSC 208
Songwriting II
3 Credits Weekly (1-2-0)
In this course, students continue to explore the art and craft of songwriting. Students examine and develop skills in a variety of songwriting techniques and concepts including writing lyrics and melodies, utilizing song forms, setting lyrics to melody, rewriting, and co-writing. A component of this course examines market trends, song demos, marketing songs, and other aspects of the business of songwriting.
Prerequisites: MUSC 207.

MUSC 211
Composition I
3 Credits Weekly (3-0-0)
This course introduces students to the art and craft of composition and prepares them for further study in this area. Through lectures, demonstrations, score study and listening, students acquire familiarity with the melodic, harmonic, and rhythmic elements and techniques of composition that apply to a wide range of genres and styles in the context of jazz and contemporary idioms. Students develop essential skills as they complete a variety of compositions that focus on blues, modal, and groove/ostinato based composition.
Prerequisites: MUSC 104 or MUSC 102.

MUSC 212
Composition II
3 Credits Weekly (3-0-0)
Students continue the study of jazz and contemporary idioms through lectures, demonstrations, score analysis and listening. Compositions in this course address complex formal structures, counterpoint and ensemble writing. Students develop essential skills as they complete a variety of compositions that explore contrafact ballads, complex modal forms and an introduction to string quartets and film scoring.
Prerequisites: MUSC 211.

MUSC 213
Ear Training III
3 Credits Weekly (3-0-0)
Ear Training III addresses three interrelated areas of study: aural skills, sight-reading skills, and music theory. The ability to recognize and identify elemental musical structures and to determine their relationships through traditional and jazz theory is a primary focus of this course. Singing is practiced in class using the Tonic sol-fa system in conjunction with the scale-degree system.
Prerequisites: MUSC 112.

MUSC 214
Ear Training IV
3 Credits Weekly (3-0-0)
In Ear Training IV, students continue to explore the relationship of aural and reading skills, and music theory. Regular activities include melodic, harmonic, and rhythmic dictation exercises, singing using the Tonic sol-fa system in conjunction with the scale-degree system, and performing rhythms in simple, compound, asymmetrical and composite meters. Examples and excerpts used in this course reflect a wide stylistic perspective (traditional, contemporary popular, and jazz).
Prerequisites: MUSC 213.

MUSC 215
Functional Keyboard I
1.5 Credits Weekly (0-2-0)
In this course, instrumentalists and vocalists are introduced to the essential keyboard skills required of contemporary musicians. Students develop basic technical ability and reading skills through exercises, études, and examples drawn from jazz and contemporary popular repertoires. Students study a syllabus of scales, chords, voicings, progressions and voice leading models, and prepare for a final performance examination comprising technical, sight-reading, and repertoire components. Note: This course is not open to pianists (Principal and Applied Instrument).
Prerequisites: MUSC 132 and (MUSC 104 or MUSC 102).

MUSC 216
Functional Keyboard II
1.5 Credits Weekly (0-2-0)
This course continues to develop the concepts and skills introduced in Functional Keyboard I. Through the study of technical exercises and études in combination with examples drawn from jazz and contemporary popular repertoires, students develop essential techniques, reading skills, and basic accompanying skills. Students study a comprehensive syllabus of scales and chords, progressions, voicings and voice leading models, and prepare for a performance exam comprising technical, sight-reading, and repertoire components that reflect a diversity of contemporary styles. Note: This course is not open to pianists (Principal and Applied Instrument).
Prerequisites: MUSC 215.

MUSC 217
Accompanying I
1.5 Credits Weekly (1.5-0-0)
Accompanying I focuses on developing the skills required of pianists (Principal or Applied Instrument courses) to accompany vocalists and instrumentalists through the study of contemporary popular repertoires. Emphasis is also placed on developing an awareness of style and genre, fostering critical listening skills, and exploring the dynamic relationship between the accompanist and the soloist. Students prepare for a juried performance examination that consists of sight-reading and repertoire components.
Prerequisites: MUSC 132.

MUSC 218
Accompanying II
1.5 Credits Weekly (1.5-0-0)
Accompanying II continues to develop the skills required of pianists (Principal and Applied Instrument courses) to accompany vocalists and instrumentalists through the study of standard jazz and Bossa Nova repertoires. Emphasis is also placed on developing an awareness of style and genre, fostering critical listening skills, and exploring the dynamic relationship between the accompanist and the soloist. Students prepare for a juried performance examination that consists of sight-reading and repertoire components.
Prerequisites: MUSC 217.

MUSC 219
Technical Ear Training
3 Credits Weekly (3-0-0)
Recording and Production students develop the listening skills of an engineer. Listening exercises focus aural attention and deepen aural sensitivity. The focus of this course is timbre, and identifying and modifying spectral content through equalization.
Prerequisites: MUSC 213.

MUSC 220
Jazz History in Cultural Context
3 Credits Weekly (3-0-0)
Students learn about jazz music within a historical and cultural context, in order to gain insights into the societal landscape, seminal figures, popular culture norms, and historical events of the 20th century. Musical elements such as improvisation, swing, and the blues will be investigated to understand how people were affected by and effected jazz music's creation and development through the decades.
Prerequisites: MUSC 124 or consent of the department.

MUSC 221
Applied Instrument I
1.5 Credits Total (0-5.25-0)
Upper-year students in the Composition, Recording and Production, and General routes receive bi-weekly private lessons on their major instrument with focus on technique, repertoire development and style. The private teacher and the student select pieces from standard jazz and popular music repertoires for study and examination. Students also prepare for a juried technical examination that is given at the end of term.
Prerequisites: MUSC 132.

MUSC 222
Applied Instrument II
1.5 Credits Total (0-5.25-0)
This course builds on the skills developed in Applied Music I. Upper-year students in the Composition and General routes continue to receive bi-weekly private lessons on their major instrument, with focus on technique, repertoire development and style.
Prerequisites: MUSC 221.

MUSC 233
Principal Instrument III
3 Credits Total (0-10.5-0)
Performance majors receive individual instruction in technique and its application to repertoire. The course consists of private lessons and a juried examination: a technical jury.
Prerequisites: MUSC 132.

MUSC 235
Principal Instrument IV
3 Credits Total (0-10.5-0)
Performance majors receive individual instruction in technique and its application to repertoire. The course consists of private lessons and a juried examination: a technical jury.
Prerequisites: MUSC 233 and MUSC 243.
Co-requisite: MUSC 244.

MUSC 243
Master Class III
3 Credits Weekly (1.5-2-0)
Master Class III is the third in a series of courses that develop a wide variety of essential performance skills and abilities. The Master Class courses address style, historical performance practice, repertoire, music preparation, rehearsal techniques, instrument technique, reading, performance, listening, and other skills that are necessary for the professional jazz and contemporary popular musician.
Prerequisites: MUSC 132 and MUSC 142.

MUSC 244
Master Class IV
3 Credits Weekly (1-2-0)
Master Class IV is the final course in the series of courses that develop a wide variety of essential performance skills and abilities. The Master Class courses address style, historical performance practice, repertoire, music preparation, rehearsal techniques, instrument technique, reading, performance, listening, and other skills that are necessary for the professional jazz and contemporary popular musician.
Prerequisites: MUSC 243.

MUSC 253
Live Sound Reinforcement I
3 Credits Weekly (2-1-0)
This course addresses sound reinforcement for music applications. Students examine sound in live situations, how sound behaves and how it is amplified. Students are introduced to the essential equipment used in the sound reinforcement industry, and develop the skills and abilities necessary to set up and operate a basic PA system. The course integrates practical experience in a concert or event setting with classroom instruction.
Prerequisites: MUSC 132 and MUSC 142.

MUSC 254
Live Sound Reinforcement II
3 Credits Weekly (2-1-0)
This course continues to develop the skills established in Live Sound Reinforcement I. Students expand their knowledge of advanced concert sound reinforcement. Students also acquire an understanding of the duties and responsibilities of all the people involved with a major concert and how to work as part of that crew. The course integrates practical experience in a concert or event setting with classroom instruction.
Prerequisites: MUSC 253.

MUSC 263
Introduction to Music Technology and Production
3 Credits Weekly (2-2-0)
This course provides students with the technological foundations commonly used in the music profession. The course is delivered in a blended model, which includes online lectures and learning modules, supported with a lab component where students acquire fundamental skills for various music technologies. Delivered through a Digital Audio Workstation (DAW), topics include: an introduction to the principles of sound, microphones and recording; computer-based notation; sequencing, mixing, and effects processing; an introduction to MIDI; and synthesis.
Prerequisites: MUSC 104 or MUSC 102.

MUSC 294
Performance Ensemble
0 Credits Total (0-0-45)
MUSC 294 fulfills the performance ensemble requirement in Term III of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 189.

MUSC 295
Performance Ensemble
0 Credits Total (0-0-45)
MUSC 295 fulfills the performance ensemble requirement in Term IV of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 294.

MUSC 301
Special Project I
1 Credit Weekly (0-0-2)
This course provides the student an opportunity to explore a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course. NOTE: Upon successful completion of the first attempt at MUSC 301 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.
Prerequisites: ENGL 102 and one of ENGL 103, ENGL 104, or ENGL 105, and 30 credits of MUSC *(*p. 776*) courses including MUSC 123 and 124.*

MUSC 302
Special Project II
2 Credits Weekly (0-0-4)
This course provides the student an opportunity to explore a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course. NOTE: Upon successful completion of the first attempt at MUSC 302 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.
Prerequisites: ENGL 102 and one of ENGL 103, ENGL 104, or ENGL 105, and 30 credits of MUSC *(*p. 776*) courses including MUSC 123 and 124.*

MUSC 303
Special Project III
3 Credits Weekly (0-0-6)
This course provides the student an opportunity to explore, in depth, a specific area of interest. Projects are faculty supervised and may focus exclusively on creative work, performance, research and writing, recording and production, or an aspect of music management, or incorporate a combination of these areas. Students require prior approval of the chair of music in order to be eligible to enroll in this course.
Prerequisites: ENGL 102 and one of ENGL 103, ENGL 104, or ENGL 105, and 30 credits of MUSC *(*p. 776*) courses including MUSC 123 and 124.*

MUSC 313
Arranging I: Introduction to Arranging
3 Credits Weekly (1-2-0)
Students acquire practical knowledge of arranging for the small jazz ensemble. Topics include woodwind, brass and rhythm section instruments, rhythm section arranging, two, three and four-part harmonizations, “thickened line” writing, background writing, linear/contrapuntal concepts in 2-part writing, and considerations of form and balance in planning an arrangement. Course content is structured towards a full-scale arrangement as the final major project.
Prerequisites: MUSC 201.

MUSC 314
Arranging II: Arranging for Large Ensembles
3 Credits Weekly (1-2-0)
Building on the concepts, techniques and skills acquired in Arranging I, students expand their knowledge of harmony and orchestration in order to write for the contemporary jazz orchestra (big band). Concepts and techniques presented in lectures, in addition to insights gained through the analysis of seminal recordings and scores, are developed through practical assignments. Students are encouraged to develop their personal style, and will produce a complete, original arrangement for big band as the final project.
Prerequisites: MUSC 313.

MUSC 321
Advanced Songwriting
3 Credits Weekly (3-0-0)
This course examines, in depth, topics such as commercial songwriting for other artists, TV, film or other settings, processes, and roles in collaborative writing, as well as thematic and stylistic approaches to songwriting. This course focuses on the business of songwriting, including music publishing, copyright, mechanical and performance rights, and song placement. Students will also investigate how songwriters and songwriter-performers present their music in the rapidly transforming media landscape of the twenty-first century.
Prerequisites: MUSC 208, and either MUSC 365 or MUSC 366.

MUSC 326
Composition III
3 Credits Weekly (3-0-0)
The focus of this course is writing for the voice. Through analysis and writing projects, students expand their knowledge of compositional issues as they apply and adapt techniques to the creation of Art Songs, Popular Songs and Chorale writing. In addition to lectures, students receive private lessons in which pertinent issues relating to their own compositions are addressed. Students present works-in-progress and discuss their process to the class, and present completed works in recitals.
Prerequisites: MUSC 212.
Co-requisite: MUSC 313.

MUSC 327
Composition IV
3 Credits Weekly (3-0-0)
This course explores the primary movements of twentieth-century post-tonal composition, including impressionism, serialism, and minimalism. Students develop technique in these styles by writing for a variety of instrumentation. In addition to lectures, students receive private lessons in which pertinent issues relating to their creative compositional works are addressed. Students present works-in-progress and discuss their process to the class, and present completed works in recitals.
Prerequisites: MUSC 313 and MUSC 326.
Co-requisites: MUSC 314.

MUSC 335
Principal Instrument V
3 Credits Total (0-10.5-0)
Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson prepares performance majors for the juried repertoire performance examination held at the end of the term.
Prerequisites: MUSC 235 or MUSC 234.
Co-requisites: MUSC 313, MUSC 348, and MUSC 358.

MUSC 336
Principal Instrument VI
3 Credits Total (0-10.5-0)
Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson prepares performance majors for their Junior Recital (MUSC 371).
Prerequisites: MUSC 313, MUSC 335, MUSC 348, and MUSC 358.
Co-requisites: MUSC 371 (Junior Recital) and MUSC 359.

MUSC 341
Woodwind Techniques
3 Credits Weekly (3-0-0)
Students examine the instructional methods and pedagogical concepts for music teachers of woodwind instruments. Upon completion, students are able to teach woodwind instruments up to the intermediate level.
Prerequisites: MUSC 101 or MUSC 103.

MUSC 344
Brass Techniques
3 Credits Weekly (3-0-0)
Students explore the instructional methods and pedagogical concepts for music teachers of brass instruments. Upon completion, students are able to teach brass instruments up to the intermediate level.
Prerequisites: MUSC 214.

MUSC 345
Percussion and Rhythm Instruments
3 Credits Weekly (3-0-0)
Students examine the instructional methods and pedagogical concepts for music teachers of percussion instruments. Upon completion, students are able to teach percussion instruments up to the intermediate level.
Prerequisites: MUSC 101 or MUSC 103.

MUSC 348
Contemporary Issues in Performance Practice and Techniques I
1.5 Credits Weekly (0-2-0)
This course examines issues and performance practices in jazz and contemporary popular music from theoretical and practical viewpoints. Students analyze performance practice, investigate artistic and style-related topics, prepare repertoire to perform in master-class settings, and research pertinent issues and present findings. This course also prepares students for the Junior Recital (MUSC 371).
Prerequisites: MUSC 244 and MUSC 235.

MUSC 358
Improvisation I
1.5 Credits Weekly (1.5-0-0)
This course is a study of improvisation practices and techniques idiomatic to jazz music, with an emphasis on standard and bebop repertoire. Through analyses of seminal recorded performances, transcriptions, assignments, and in-class performance, students will develop a practical understanding of jazz language, sound, feel, and phrasing, as well as theoretical concepts such as melodic and rhythmic development, chord/scale relationships, and motivic development. The vital role of the rhythm section in improvisation, including comping, interplay, texture, and dynamics, will also be examined.
Prerequisites: MUSC 201 and MUSC 244.

MUSC 359
Improvisation II
1.5 Credits Weekly (1.5-0-0)
This course builds on skills and knowledge presented in MUSC 358 (Improvisation I). This course is a study of improvisation practices and techniques idiomatic to jazz music, with an emphasis on modal, modern, and contemporary repertoire. Through analyses of seminal recorded performances, transcription and listening assignments, and in-class performance, students will develop a practical understanding of modern jazz language, sound, feel, and phrasing, as well as theoretical concepts such as thematic development, modal harmony, chromaticism, melodic and harmonic superimposition, and polyrhythms. The varied roles of the rhythm section and ensemble in modern jazz performance, from comping and interplay to collective improvisation, will also be examined.
Prerequisites: MUSC 358.

MUSC 361
Introduction to Music Career Management
3 Credits Weekly (3-0-0)
This course is an overview of fundamental issues that have an impact on the contemporary musician's career. Students will be introduced to a broad range of topics, providing them with basic knowledge and tools to begin managing their own careers, as well as a foundation for more advanced study in subsequent music career management courses. Topics include ethics and professional practice, career planning, financial literacy, entrepreneurship, marketing, intellectual property, project planning, fundraising, musician's health, and social issues in the music industry.

MUSC 362
The Business of Music
3 Credits Weekly (3-0-0)
Students examine the financial, legal, social, and political aspects of the music business. The focus of this course is on branding, marketing, the music industry, the fundamentals of a contract, the independent musician as a legal entity, copyrights, finance, accounting practices, and the principles of strategic planning. Sources to fund or finance a project are introduced, including grant awards in Canada.
Prerequisites: MUSC 361 or MUSC 271.

MUSC 364
Applications in Music Technology I
3 Credits Weekly (1-2-0)
This course focuses on the development of the creative application of technologies used in current music and audio production, and the foundations and theories that underlie these skills and practices. Through classroom and focused project work, students gain knowledge and experience with Digital Audio Workstation (DAW)-centric composition and production with emphasis on synthesizer programming, MIDI and audio tracking, editing and mixing, working with visual media, audio mastering, and delivery.
Prerequisites: MUSC 263 or MUSC 261.

MUSC 365
Recording and Production Techniques
3 Credits Weekly (3-0-0)
This course is an introduction to the theory and practice of audio recording as it relates to a home studio environment. Students study the behaviour of sound, acoustics, microphones, analog and digital audio, digital audio workstation (DAW) set up, and the operation of common recording equipment. Practical learning concentrates on music production, creating demo projects, and fully produced recordings. Students learn to make optimal use of microphones, room treatment, headphones, MIDI, EQ, compressors, reverb and other mixing software plugins within the DAW environment as they complete a variety of multi-track recording projects. Students may receive credit in only one of MUSC 365 and 366. Students in the Recording & Production Major and the Technology & Production Minor must complete MUSC 366.
Prerequisites: MUSC 263.

MUSC 366
Introduction to the Recording Studio
3 Credits Weekly (0-4-0)
This course is an introduction to the theory and practice of recording engineering. Students study the behaviour of sound, acoustics, recording studio design, analog and digital audio, and the theory and operation of common recording studio equipment. Practical learning concentrates on studio procedures, set up, and the operation of equipment. Students learn to make optimal use of a state-of-the-art recording studio as they complete a variety of multi-track recording projects. Students may receive credit in only one of MUSC 365 and 366. Students in the Recording & Production Major and the Technology & Production Minor must complete MUSC 366.
Prerequisites: MUSC 263.
Co-requisite: MUSC 263.

MUSC 367
Analog and Digital Signal Processing
3 Credits Weekly (3-0-0)
Students learn the theory of electrical circuits (laws of resistance, capacitance, Ohm's Law) as they apply to the design and interpretation of circuit diagrams, block diagrams and the resultant signal flow. Students study how the analog signal is processed by electronic components, how analog and digital technologies interact, and how digital technology emulates and transcends analog processes.
Prerequisites: MUSC 366.

MUSC 368
Psychoacoustics
3 Credits Weekly (3-0-0)
The study of psychoacoustics explores the perception of music and the objective reality of the physics of sound. Students examine the complex intersection of music, psychology and neuroscience in order to better understand music cognition, which is focused on human hearing and the listening experience. Topics include: how people respond emotionally to music; the work of the mind to perceive and respond to sound as music; mechanisms of human hearing; the stimulation of imagination and mental images that inspire creative practice. Note: Students may obtain credit in only one of MUSC 368 and PSYC 369.
Prerequisites: 12 credits of MUSC (p. 776) *course work at 200-level.*

MUSC 371
Junior Recital
0 Credits Weekly (0-0-0)
The Junior Recital is a juried public recital in which performance majors demonstrate their ability to prepare and rehearse a varied repertoire, and exhibit stylistic awareness, technical and artistic prowess, musical imagination, and professionalism. Students create the arrangements and direct the rehearsals, prepare the printed programme, and coordinate with production and recording technicians. The repertoire draws from Jazz, Global Music, and Contemporary Popular areas, and is selected in consultation with the student's private lesson instructor and faculty supervisor [section head].
Prerequisites: MUSC 335.
Co-requisites: MUSC 336.

MUSC 380
Directed Project
3 Credits Weekly (0-0-1)
This is a faculty-supervised, research creation course that allows senior-level students to pursue independent work in a primary area of interest, including research and writing, composing, recording, or preparing and performing repertoire. Students are required to submit a formal proposal and obtain the written approval of the chair of music in order to be eligible to enroll in this course. NOTE: Upon successful completion of the first attempt at MUSC 380 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.
Prerequisites: 60 credits of MUSC *(*p. 776*) courses including MUSC 123 and MUSC 124.*

MUSC 396
Performance Ensemble
1 Credit Total (0-0-45)
MUSC 396 fulfills the performance ensemble requirement in Term V of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 295.

MUSC 397
Performance Ensemble
1 Credit Total (0-0-45)
MUSC 397 fulfills the performance ensemble requirement in Term VI of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire.
Prerequisites: MUSC 396.

MUSC 415
Orchestration
3 Credits Weekly (1-2-0)
This course introduces students to writing for the symphony orchestra through a brief survey of the historical development of the orchestra, with focus on the principal families of instruments that constitute the modern orchestra. Students acquire knowledge of the characteristics and roles of orchestral instruments, and the notational conventions associated with scoring for these instruments. Periodic writing assignments reinforce the essential principles of orchestration including featuring, combining and balancing instruments for pragmatic and expressive reasons, and realizing orchestral arrangements from piano scores, compositional sketches and other musical media. The final project for this course is a fully scored orchestration of an excerpt or piece.

MUSC 416
Scoring for Film and Other Visual Media
3 Credits Weekly (1-2-0)
This course focuses on the aesthetic and technical demands of composing and producing music for feature films, episodic television, and other visual media, with emphasis on the concepts of musical association and musical meaning. Students are introduced to a wide variety of notable film scores, complete a series of scoring projects for mixed instrumentation using virtual and real instruments, and learn how to synchronize music with visual media through the use of computer software and real time methods.
Prerequisites: MUSC 263 and MUSC 313 or consent of the Music department.

MUSC 417
Composition V
1.5 Credits Total (0-22.5-0)
The focus of this course is the development of the student's unique voice as a composer. Students continue to undertake extensive writing projects in anticipation of the Composition Graduation Recital. Lectures and labs address pertinent issues relating to their compositions, including labs in song writing, composing in the digital-audio workstation (DAW) environment, composing for chamber ensembles, and jazz combo/big band writing.
Prerequisites: MUSC 327.

MUSC 418
Composition VI
1.5 Credits Weekly (1.5-0-0)
Composition VI is the final course in the sequence of courses designed to develop the composer. This course focuses on final preparation for the Composition Graduation Recital, which is a juried, public concert of original works. Students continue their work from Composition V (MUSC 417). Students continue developing their music toward the final recital in small group and individual meetings with the instructor.
Prerequisites: MUSC 417.
Co-requisites: MUSC 474.

MUSC 424
Ethnomusicology
3 Credits Weekly (3-0-0)
Students will be introduced to development and current practice of ethnomusicology in Canada with special attention to the methods of research that make the discipline a unique form of musicology. Students explore music as sound and culture, as social practice, as a contributor to the creative economy, and as expression of meaning with emphasis on the development of ethnographic methods and contemporary methods of research dissemination.
Prerequisites: MUSC 427 or consent of the Music department.

MUSC 426
History of Electro-Acoustic Music
3 Credits Weekly (3-0-0)
Students examine the history of electro-acoustic art music in relation to the significant composers of this music and their seminal works. Through lectures, readings, critical listening, and analysis, students investigate the ideas, techniques, and technologies that determined the development of this genre and its influence on other genres. Students are introduced to the various instruments inherent to the genre and the unique and often idiosyncratic notational systems used by various composers.
Prerequisites: MUSC 263 or MUSC 261.

MUSC 427
Cultural Studies of Music
3 Credits Weekly (3-0-0)
This course focuses on the analysis of contemporary popular music culture and the key thinkers and theorists from cultural studies and critical theory who have made seminal contributions to the field. The development of research and writing methods is an essential aspect of this course.
Prerequisites: MUSC 123 and 124 or consent of the Music department.

MUSC 431
Conducting Techniques
3 Credits Weekly (3-0-0)
This course introduces the fundamentals of conducting an instrumental ensemble. Techniques include use of the baton, rehearsal and score preparation, ensemble management and repertoire development. Upon completion, students are able to conduct other musicians in large and small group ensemble settings, choose repertoire, analyze scores, and communicate with members of an ensemble while conducting.
Prerequisites: MUSC 313.

MUSC 437
Principal Instrument VII
3 Credits Total (0-10.5-0)
Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson prepares performance majors for the juried repertoire performance examination held at the end of the term.
Prerequisites: MUSC 336, MUSC 359, and MUSC 371.
Co-requisites: MUSC 452 and MUSC 472.

MUSC 438
Principal Instrument VIII
3 Credits Total (0-10.5-0)
Performance majors receive private lessons on their major instrument with a focus on technique, repertoire development, style, applied theory and development of aural skills. In addition, the private lesson supports preparation for the Graduation Recital (Performance major).
Prerequisites: MUSC 437 and MUSC 452 and MUSC 472.
Co-requisites: MUSC 473.

MUSC 452
Contemporary Issues in Performance Practice and Techniques II
1.5 Credits Weekly (0-2-0)
Students examine issues and performance practices in jazz and popular music from theoretical and practical viewpoints, investigate artistic and style-related topics, prepare repertoire to perform in master-class settings, research pertinent issues and present findings, build a core repertoire, and develop ensemble directing skills. This course prepares students for the Area Examination (MUSC 472) and the Performance Graduation Recital (MUSC 473).
Prerequisites: MUSC 348.
Co-requisites: MUSC 472.

MUSC 460
Improvisation III
1.5 Credits Weekly (1.5-0-0)
This course is a study of the improvisation techniques idiomatic to popular music. Students analyze performances drawn from the canonic repertoire of popular music. Practical applications of theoretical concepts including motivic development, chord-scale relationships, line and interval rhythmic development, as well as: style, feel, expression are developed through, analysis, transcription, and performance. Performance constitutes the primary activity of this course.
Prerequisites: MUSC 359.

MUSC 461
Improvisation IV
1.5 Credits Weekly (1.5-0-0)
This course is a study of the improvisation techniques idiomatic to jazz music. Students analyze performances drawn from the canonic repertoire of jazz music. Performance constitutes the primary activity of this course, and concepts and skills are developed through analysis, transcription, and performance. Practical applications of theoretical concepts include motivic development, chord-scale relationships, line and interval, rhythmic development, style, feel, and expression.
Prerequisites: MUSC 460.

MUSC 465
Applications in Music Technology II
3 Credits Weekly (1-2-0)
Building on the skills and theory introduced in MUSC 364, this course explores the advanced use of technology in music composition and audio production. Topics include sound design, synthesizer programming, advanced work with visual media, and advanced DAW-based MIDI and audio production techniques, all of which are addressed at a level commensurate with professional-level expectations. Additional topics include advanced synthesis designs, alternate controllers and control protocols, multi-channel audio production, and an introduction to interactive programming.
Prerequisites: MUSC 364.

MUSC 467
Recording Studio Production
3 Credits Weekly (0-4-0)
This course focuses on the producer's critical and varied roles in the process of recording studio production. Through lectures, reading, analytical listening, and project-driven coursework, students will solidify their understanding of the process of music production in context of the recording studio environment. Ultimately, students will model the traits of the successful producer in realistic production situations.
Prerequisites: MUSC 366.

MUSC 468
Acoustics
3 Credits Weekly (3-0-0)
This course explores the science of acoustics, which is the study of vibration and sound waves. Emphasis is placed on elements of the science that are related to the performance and recording of music. Students learn about the generation of sound, how it propagates and behaves in different environments. Course projects support the concepts presented through lectures and practical measurement exercises.
Prerequisites: MUSC 261 or MUSC 263.

MUSC 469
Mastering
3 Credits Weekly (3-0-0)
Mastering is the final creative step in the process of music recording. In this course students compare and critically review works by accomplished mastering engineers. Using post-production tools, students focus on the techniques and the practice of creative decision-making aiming towards a complete, duplication-ready mastered recording.
Prerequisites: MUSC 219 and MUSC 467.

MUSC 472
Area Examination
0 Credits Weekly (0-0-0)
Performance majors present and defend a programme proposal for their Graduation Recital (MUSC 473) that speaks to their knowledge of the repertoire in terms of historical and contemporary sources, the significance of the selected works, the important musicians associated with these works, the genres and styles, and the requirements of preparing for and mounting the recital.
Prerequisites: MUSC 348, MUSC 336 and MUSC 371.
Co-requisites: MUSC 437 and MUSC 452.

MUSC 473
Graduation Recital, Performance Major
0 Credits Weekly (0-0-0)
The Graduation Recital, Performance (MUSC 473) is a “main stage” juried public concert. Performance majors prepare and rehearse a varied repertoire that speaks to their primary artistic and professional interests and goals. In this recital, students exhibit stylistic authenticity, technical mastery, artistic prowess, musical imagination, and professionalism. Students create the arrangements and direct the rehearsals, prepare the printed programme, and coordinate with production and recording technicians. The repertoire and all other aspects of this recital are determined and approved in consultation with the student’s private lesson instructor and faculty supervisor through the process of the Area Examination (MUSC 472).
Prerequisites: MUSC 472 and MUSC 452 and MUSC 437.
Co-requisites: MUSC 438.

MUSC 474
Graduation Recital and Portfolio (Composition)
0 Credits Weekly (0-0-0)
The Graduation Recital is a “main stage” juried, public concert that represents the culmination of the candidate’s studies in composition. In this recital, students exhibit personal compositional style, technical mastery, artistic prowess, musical imagination, and professionalism. In addition to the creation of the compositions and preparation of the scores and parts, students direct the rehearsals, prepare the printed programme and provide the posters, and coordinate with production and recording technicians.
Prerequisites: (MUSC 417 or MUSC 413) and MUSC 415 and MUSC 314.
Co-requisites: MUSC 418.

MUSC 476
Health Issues and the Professional Musician
3 Credits Weekly (3-0-0)
The study, practice, performance, creation, and production of music necessitate repetitive processes that make musicians prone to a number of physical and mental ailments. Students identify and understand common ailments that frequently affect professional musicians, examine the importance of physical and mental fitness in the prevention of these ailments, and investigate a variety of resources, techniques and strategies to manage and/or cope with stresses inherent to the profession.
Prerequisites: MUSC 271 or MUSC 361.
Co-requisites: MUSC 361.

MUSC 482
Independent Study
3 Credits Weekly (0-0-1)
This course presents an opportunity for fourth-year students who wish to pursue in-depth advanced studies in their primary area of interest with the goal of writing a publishable paper based on research-creation undertaken in MUSC 380 or an equivalent (research and writing, composition, performance, recording). With the guidance of a faculty supervisor, students will produce a publishable document suitable to the discipline under study as the primary outcome of this course. Students are required to submit a formal proposal and obtain the written approval of the chair of music in order to be eligible to enroll in this course.
NOTE: Upon successful completion of the first attempt at MUSC 482 and permission from the chair of music in consultation with the faculty supervisor, students may repeat this course for credit in order to continue and develop their projects.
Prerequisites: 90 credits of MUSC *(*p. 776*) courses including MUSC 123, MUSC 124, and MUSC 380.*

MUSC 483
Seminar in Recording and Production I
3 Credits Total (0-0-22.5)
Seminar in Recording and Production I is the first of two capstone courses in the Recording and Production major designed to guide students in the preparation of their final portfolio projects. With the support of a faculty mentor, students will explore, research, design, problem-solve and plan a final project which demonstrates the application of knowledge and skills gained from previous course work.
Prerequisites: MUSC 254, MUSC 368.
Co-requisites: MUSC 465, MUSC 469.

MUSC 484
Seminar in Recording and Production II
3 Credits Total (0-0-22.5)
Seminar in Recording and Production II is the second of two capstone courses in the Recording and Production major in which students will implement and present their final portfolio project. The final project will demonstrate proficiency in the various subject areas taught and represents the culmination of knowledge, skills, and techno-literacies required of highly qualified personnel in the field.
Prerequisites: MUSC 367, MUSC 426, MUSC 468, MUSC 483.
Co-requisite: MUSC 367, MUSC 426, MUSC 468.

MUSC 485
Seminar in Songwriting I
3 Credits Total (0-0-22.5)
Seminar in Songwriting I is the first in a series of two courses designed to guide students in the preparation of their final portfolio project. With the support of a faculty mentor, students will explore, research, design, problem solve, and plan a final project that demonstrates the application of knowledge and skills gained from previous course work.
Prerequisites: MUSC 321 and either MUSC 365 or MUSC 366.

MUSC 486
Seminar in Songwriting II
3 Credits Weekly (0-0-1.5)
Seminar in Songwriting II is the final course in the series where students will implement and present their final portfolio project. The final project will demonstrate proficiency in the various subject areas taught and represents the culmination of learned concepts.
Prerequisites: MUSC 485.

MUSC 498
Performance Ensemble
1.5 Credits Total (0-0-45)
MUSC 498 fulfills the performance ensemble requirement in Term VII of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire. NOTE: MUSC 498 is required only for the BMus Performance major, and is optional for the Composition and General routes.
Prerequisites: MUSC 397.

MUSC 499
Performance Ensemble
1.5 Credits Weekly (0-0-3)
MUSC 499 fulfills the performance ensemble requirement in Term VIII of the Bachelor of Music. Through focused independent practice, weekly rehearsals and public performances, this course provides each student the opportunity to develop and interpret repertoire drawn from jazz and contemporary popular music. Based on an audition process, students are placed in an appropriate ensemble under the directorship of a music faculty member. The ensembles vary in instrumentation and size, which are determined by stylistic specificity and repertoire. Note: MUSC 499 is required only for the Bachelor of Music Performance major, and is optional for the Composition and General routes.
Prerequisites: MUSC 498.

NEHI – nêhiyawêwin (Cree)

NEHI 101
Introductory nêhiyawêwin/Cree I
3 Credits Weekly (3-2-0)
This introductory course is for students who have little or no previous background in the Plains Cree "Y" Dialect of Alberta and Saskatchewan. Emphasis will be placed upon the sound and writing system of Standard Roman Orthography, with introduction to the seven distinct vowel sounds and ten consonants. 30 hours will be spent in a lab immersion for students to gain some conversational skills, practice with fluent speakers, and interact with guest speakers. Note: Students with Native or near-Native proficiency but limited or no grammatical or reading/writing literacy in nêhiyawêwin must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. This includes those students with credit in Cree 30 or equivalent. An Elder/fluent Cree speaker may be invited to join for the lab portions when convenient.

NEHI 102
Introductory nêhiyawêwin/Cree II
3 Credits Weekly (3-2-0)
This introductory course is a follow-up to NEHI 101 with the incorporation of the 53 cahkipêhikana (syllabic) symbols that represent the sounds of nêhiyawêwin. 30 hours will be spent in a lab immersion for students to gain some conversational skills, practice with fluent speakers, interact with guest speakers and engage in land-based learning opportunities. Note: Students with native or near-native proficiency but limited or no grammatical or reading/writing literacy in nêhiyawêwin must consult the department prior to registration. Students with credit in Cree 30 or equivalent should also consult the department as they may have a proficiency level beyond this course. An Elder/fluent Cree speaker may be invited to join for the lab portions when convenient. Students will be required to participate in a land-based unit outside of regular class-time.
Prerequisites: A minimum grade of C- in NEHI 101.

MSYS – Management Systems

MSYS 200
Introduction to Management Information Systems
3 Credits Weekly (3-0-0)
Students examine the interaction of technology and information in supporting the development of a business strategy. Students apply systems analysis, design, implementation and post implementation review methodologies. Through academic research and case study analysis, students integrate current best practices with emerging technology to meet a variety of business challenges. Students prepare and present a formal report to the CEO of a mock corporation.
Prerequisites: BUSN 201.

MTST – Massage Therapy

MTST 108
Massage Therapy Foundations
2 Credits Weekly (2-0-0)
Students acquire fundamental knowledge about the massage therapy profession including history, standards of practice, regulatory requirements, complementary therapies, as well as current and future trends. Students explore the roles and responsibilities of a massage therapist and the importance of inter-professional collaboration. Medical terminology used in the study of anatomy, physiology, massage theory and techniques is also examined.

MTST 109
Palpation Lab
1 Credit Total (5-10-0)
Developing well-refined tactile abilities is an essential skill for a massage therapist. Palpation lab is a kinesthetic course focusing on locating important anatomical landmarks including muscle, bone, joints, nerves, arteries and ligaments. Reinforcing musculoskeletal knowledge, this course develops skills to accurately palpate and identify common anatomical structures of the human body as well as differentiate between normal and abnormal findings.
Co-requisites: MTST 120.

MTST 115
Functional Survey for Massage Therapists
1 Credit Weekly (1-1-0)
The theory and techniques to obtain a comprehensive health history and assess the wellness status of patients seeking massage therapy are presented. Students are introduced to postural and gait analysis, interviewing skills, vital sign assessment, and professional practice documentation. Students learn/practice interpreting objective and subjective data and differentiating between normal and abnormal findings. Hygiene, infection control and safety considerations are also addressed.

MTST 120
Human Anatomy I
3 Credits Weekly (3-1-0)
This course is an in-depth study of the anatomical structures of the head, neck, trunk, abdomen, upper and lower extremities. The components of the musculoskeletal system and arthrology are examined in detail. Palpation skills are developed through surface anatomy labs which involve exploration of major bony and soft tissue landmarks.

MTST 122
Human Anatomy II
3 Credits Weekly (3-0-0)
Students develop an understanding of the subcategories of anatomy including structural organization, body cavities, the cell, and tissues of muscle, nerve and bone. Students explore the structure and function of the major systems of the body including: cardiovascular, lymphatic and immune, respiratory, nervous, endocrine, gastrointestinal, urinary, reproductive and integumentary systems. Students are introduced to the special senses.

MTST 125
Physiology I
3 Credits Weekly (3-0-0)
An introduction to the physiology of the body is provided. The nervous, musculoskeletal, cardiovascular, and protective systems are emphasized to explain the relationships between body fluid distribution, sensory stimulation, and the modulation of pain perception.

MTST 126
Physiology II
3 Credits Weekly (3-0-0)
The physiology of the nervous, endocrine, cardiovascular, and immune systems and how these systems co-regulate the functioning of the body is discussed in detail. Hormonal and autonomic control of the respiratory, digestive, urinary, and reproductive systems are emphasized along with an examination of the special senses.
Prerequisites: MTST 125.

MTST 131
Techniques I
3 Credits Total (30-30-0)
This course examines the principles, procedures and techniques involved in providing a wellness massage therapy treatment. Introductory massage techniques, patient positioning, draping, therapist self-care and the correct use of posture and body mechanics are presented. Students are introduced to SOAP notes, communication, informed consent, hygiene, infection control precautions, indications/contraindications, treatment modification and the principles of massage therapy treatments. Furthermore, students develop and utilize palpation skills in identifying bony landmarks and soft tissues structures.

MTST 137
Developing Therapeutic Relationships
2 Credits Weekly (2-1-0)
Fundamental knowledge of ethical values and the skills to develop effective therapeutic relationships are examined. The application of active listening, verbal and non-verbal communication techniques and patient-therapist responses to massage therapy are explored. Through discussion and experiential learning, the following topics are studied: professional boundaries, establishing trust, interpersonal conflict, interview skills, cultural diversity, self-care, body image, transference and counter-transference, power differential, sexual abuse prevention, and the management of personal values in a patient-therapist relationship.

MTST 142
Techniques II
3 Credits Total (30-30-0)
This course introduces massage therapy treatment principles and soft tissue/postural assessment skills. An in-depth study and practice of myofascial release, skin rolling, friction massage and muscle stripping techniques are developed in the context of a comprehensive massage therapy treatment. Students learn to work with greater tissue sensitivity and treat with increased depth. Prescribing appropriate patient self-care, introductory thermal therapy and principles of therapist injury prevention are emphasized. Contraindications, patient positioning, draping, fundamentals of health history analysis and professional documentation are reinforced. Chair massage is also introduced.
Prerequisites: MTST 115, MTST 120, MTST 125 and MTST 131.

MTST 143
Techniques III
3 Credits Total (30-30-0)
An in-depth study and practice of thermal therapy, trigger point therapy, golgi tendon organ, muscle approximation, and origin-insertion techniques are presented in this course. Students learn to recognize contraindications, indications and when to modify these treatment modalities as they relate to common pathological conditions. Through experiential learning, students further refine palpation and assessment skills required for effective application of these techniques.
Prerequisites: MTST 142, MTST 146.
Prerequisites or Co-requisites: MTST 122.

MTST 146
Body Movements
3 Credits Total (35-10-0)
An in-depth analysis of the structure and muscle function of human movement and gait is explored. Anatomy of upper and lower extremity joints is reviewed. The physical basis of movement and muscle function is examined. Basic movements and sport activities are analyzed.
Prerequisites: MTST 120.

MTST 151
Research Literacy for Massage Therapists
1 Credit Weekly (1-0-1)
The basic components of research literacy are covered in this course. Students locate, evaluate and utilize research and professional literature in the context of massage therapy practice. The application of evidence-informed treatment practices and planning to enhance patient care is a major focus.
Prerequisites: MTST 108.

MTST 155
Assessment for Massage Therapists I
2 Credits Total (25-20-0)
The basic theory of assessment related to the practice of massage therapy is presented. Assessment of the cervical spine, thoracic spine and upper body including posture and gait analysis, palpation, range-of-motion, muscle testing, joint play, special tests and neurological testing are examined in detail. Students learn how to take a comprehensive case history, incorporate assessment findings from other health care practitioners and utilize assessment data to inform treatment planning decisions. Documentation and interpretation of assessment findings are integral components of the course.
Prerequisites: MTST 120, MTST 146.

MTST 156
Assessment for Massage Therapists II
2 Credits Total (25-20-0)
Assessment for commonly-occurring conditions affecting the lower body is the focus of this course. Assessment of the lumbar spine, pelvis and lower extremities including posture and gait analysis, palpation, range-of-motion, muscle testing, joint play, special tests and neurological testing are examined in detail. Students learn how to take a comprehensive case history, incorporate assessment findings from other health care practitioners and utilize assessment data to inform treatment planning decisions. Documentation and interpretation of assessment findings are integral components of the course.
Prerequisites: MTST 155.

MTST 161
Clinical Practice I
1 Credit Total (0-0-60)
This course introduces students to the practice of massage therapy in a supervised clinical setting. Working with the public, students have the opportunity to practice introductory massage therapy techniques and develop skills such as body mechanics, draping, communication, informed consent, assessment, practice records, recognizing modifications/contraindications and provide basic home-care recommendations.
Prerequisites: MTST 108, MTST 131, MTST 115, and Standard First Aid and Health Care Provider Level C CPR.

MTST 162
Clinical Practice II
1 Credit Total (0-0-60)
This course builds on the practical experience gained in MTST 161. In a supervised setting, students provide massage therapy assessment and treatment to a variety of patients. This course offers an opportunity to practice time management, advanced techniques, alternate positioning and sequencing, introductory assessment procedures, charting skills, treatment plan development and prescribe basic self-care.
Prerequisites: MTST 161, MTST 146 and MTST 142.

MTST 224
Techniques IV
3 Credits Total (30-30-0)
Peripheral joint mobilizations, proprioceptive neuromuscular facilitation, static stretching and lymphatic drainage techniques are explained, demonstrated and practiced. An in-depth understanding of the contraindications, indications and modifications of these techniques are explored. Techniques are practiced within the context of an evidence-informed comprehensive treatment plan with information gathered from appropriate clinical assessment.
Prerequisites: MTST 143, MTST 155.
Co-requisites: MTST 281.

MTST 225
Techniques V
3 Credits Total (30-30-0)
The theory and practice of therapeutic exercise and rehabilitation are presented within the context of massage therapy treatment planning. Case studies are used to facilitate the development of appropriate therapeutic exercise intervention for patients with a variety of musculoskeletal disorders and movement dysfunction. This course also examines the principles, assessment and techniques for lower extremity peripheral joint mobilizations.
Prerequisites: MTST 224.
Co-requisites: MTST 283.

MTST 226
Techniques VI
3 Credits Total (30-30-0)
Facilitated by case studies, this course takes an integrative approach allowing students the opportunity to consolidate material learned in the program into comprehensive massage therapy treatment protocols for commonly occurring conditions. The focus is on evaluating research to inform clinical decisions about assessment, treatment planning, and therapeutic exercise components of a massage therapy treatment protocol.
Prerequisites: MTST 225 and MTST 283.

MTST 260
Clinical Practice III
1 Credit Total (0-0-60)
This course involves the application of advanced massage therapy to patients in a supervised setting. The intent is to build on the practical experience and knowledge gained in MTST 162. This course provides an opportunity to develop advanced techniques on a variety of clinical pathologies and special populations commonly seen by massage therapists. A focus is placed on advanced assessment, treatment planning, application of specialized techniques, relevant clinical observation, and self-care customized to individual patients.
Prerequisites: Minimum grade of C- in MTST 162, MTST 155 and MTST 143.

MTST 261
Clinical Practice IV
1 Credit Total (0-0-60)
This supervised clinical experience provides students with the opportunity to practice a wide-range of assessment, massage therapy techniques, therapeutic exercise and thermal applications on patients. Massage therapy treatments focus on assessing and rehabilitating patients with a variety of commonly-occurring pathological conditions. Case conferences are conducted at which time students present assessment data and treatment plans for individual patients.
Prerequisites: MTST 156, MTST 260, MTST 273, MTST 281, and Standard First Aid and Health Care Provider Level C CPR.

MTST 262
Clinical Practice V
1 Credit Total (0-0-45)
Working as part of a multi-disciplinary health care team, students provide therapeutic massage techniques to patients with special needs in a supervised clinical setting. Working in a health care facility/setting, students further develop assessment and treatment skills while contributing to effective and collaborative patient-centered care. Case conferences are conducted at which time students present assessment data and treatment plans for individual patients.
Prerequisites: MTST 283, MTST 261,MTST 274, MTST 225 and Standard First Aid and Health Care Provider Level C CPR.

MTST 265
Business Management for Massage Therapists
2 Credits Weekly (2-0-0)
An introduction to starting and managing a massage therapy business is presented. Sustainable business practices are explored. From an entrepreneurial view, an emphasis is placed upon practice management, principles of business management, financial management, billing procedures, business plan development, marketing and service promotion. Creating a resume and developing interview skills are also addressed.

MTST 273
Massage Therapy for Special Populations I
2 Credits Total (25-20-0)
The various stages of the human lifespan are studied in this course. Applying therapeutic massage treatment for healthy populations throughout the lifespan is the primary focus. The areas of consideration include pregnancy, infancy, childhood, adolescence, adulthood, and geriatric. Breast massage is also introduced.
Prerequisites: MTST 162 and MTST 143.

MTST 274
Massage Therapy for Special Populations II
2 Credits Total (25-20-0)
The theory and application of therapeutic massage intervention for patients with special needs is examined in this course. Students learn the etiology, pathophysiology and clinical manifestations of post-surgical conditions, psychiatric, chronic illnesses, deteriorating conditions, severe trauma and palliative care. The course also teaches students how to safely and effectively assess and treat patients who present with these conditions and impairments. Safety and ethical considerations are presented in detail.
Prerequisites: MTST 273.
Prerequisites or Co-requisites: HLST 150.

MTST 281
Treatments and Planning I
2 Credits Weekly (2-1-0)
Students explore evidence-informed approaches to treatment planning. The components of a massage therapy treatment plan and its relationship to assessment, research evidence and desired clinical outcomes are explained. This course examines the principles for planning ongoing massage therapy treatment for individuals with various pathological conditions by using case studies for clinical practice.
Prerequisites: MTST 155, MTST 143, MTST 162.

MTST 283
Treatments and Planning II
2 Credits Weekly (2-1-0)
Treatment planning for a variety of neurological, orthopedic, respiratory and musculoskeletal conditions are studied. Assessment findings are utilized to make evidence-informed decisions in developing a comprehensive treatment plan for commonly-occurring conditions. Incorporating knowledge of common clinical presentations, the student selects appropriate massage therapy techniques and modalities considering the patient's stage of life and health status.
Prerequisites: MTST 281, MTST 224, MTST 260.

MTST 286
Sport Massage
3 Credits Total (30-20-10)
The focus of this course is on the theory and practice of sport massage. The history of sport massage and role of the sport massage therapist is examined in detail. The indications and contraindications as they relate to sport-specific athletes are addressed as well as sport massage techniques, positioning, stretching, pre-, inter- and post-event, and training/maintenance massage. A review of common sport injuries, including their assessment and treatment are also discussed in this course.
Prerequisites: MTST 142.
Prerequisites or Co-requisites: MTST 146.

NURS – Nursing

NURS 150
The Discipline of Psychiatric Nursing
3 Credits Weekly (3-0-0)
Historical, current and future perspectives of the disciplines of nursing and psychiatric nursing are introduced. Nursing and psychiatric nursing as a science, art, discipline and professional practice are discussed. Selected theories and models are explored, focusing on philosophical viewpoints and their influence on knowledge and practice. The roles, scope and standards of psychiatric nursing practice are examined from provincial, national and international perspectives, as well as in terms of organizations and legislation. The professional code of ethics and approaches to ethical decision making are introduced. Thinking processes related to the discipline are developed.

NURS 170
The Discipline of Nursing
4 Credits Weekly (4-0-0)
This course begins the pre-licensure program of study for the Bachelor of Science in Nursing Program (BScN). It has a conceptual framework of knowing, thinking, doing, being, and becoming. Students are introduced to the disciplinary knowledge that grounds nursing science and informed professional nursing practice. It provides foundational knowledge to begin the students' socialization into the discipline and the role of a professional baccalaureate prepared nurse. The nature of nursing knowledge and science is understood through philosophical viewpoints, disciplinary ways of knowing, and selected theories, models, and constructs.

NURS 175
Nursing Practice Foundations
5 Credits Total (30-30-75)
This course focuses on the role of the Registered Nurse and nursing as a profession within varied settings, integrating personal philosophy, legal documentation and ethical accountability. The nursing process is introduced as the foundation for the development of clinical reasoning and critical thinking skills. Students learn concepts and theories relevant to the art and science of nursing, including: safe environment, communication, breathing, nutrition, elimination, personal cleaning and dressing, rest/sleep, controlling body temperature, mobility, working and playing, expressing sexuality, and dying. Students will have the opportunity to apply these concepts in the clinical skills lab, followed by selected client care experiences in structured practice settings. Knowledge, skills and attributes are blended to assist the student in assessing, planning, implementing and evaluating fundamental care needs within a Social Determinants of Health (SDOH) context.
Prerequisites: Minimum grade of C- in NURS 170 and HLST 152.

NURS 251
Nursing Care, Diverse Populations
4 Credits Weekly (3-3-0)
Learners develop knowledge, skills and attitudes for evidence-informed, culturally sensitive, age appropriate, holistic nursing care with persons from diverse populations who experience acute or chronic alterations in health. Learners incorporate selected nursing theories and models as a framework for understanding illness experiences and the promotion of health and healing. Management and alleviation of symptoms and capacity building are discussed with perspectives of mind-body experiences of illness. Teaching and learning principles are applied to health promotion, illness/injury prevention and explanations of care to individuals and families. Reflection on and evaluation of individualized nursing care are promoted through practice scenarios and contextual simulations. Best practice guidelines, current evidence and legal-ethical considerations are emphasized. Learners examine roles of the health team and intersectoral members for optimal provision and transition of care across settings. Note: Learners can obtain credit in only one of NURS 251 or NURS 270.
Prerequisites: Minimum grade of C- in PNRS 155, PSYC 104 and PSYC 105.
Co-requisites: HLSC 220, HLSC 222, NURS 252.

NURS 252
Health Assessment Across the Lifespan
4 Credits Weekly (3-3-0)
Students develop knowledge, skills and attributes for a holistic health assessment of individuals across the lifespan. Health history taking, physical and contextual assessments, information retrieval and data appraisal, communication techniques, and documentation of findings are incorporated into assessment of health. Using a socio-environmental approach, consideration is given to alterations in health and evaluation of nursing, medical and pharmacological interventions, as well as development of health promotion strategies. Students integrate the unique and shared experiences of patients/clients. Students develop and demonstrate skills in history taking, interviewing and physical examination with individuals. Critical thinking and clinical reasoning are developed through participation in laboratory, classroom and simulation activities.
Prerequisites: Minimum grade of C- in HLST 154, and either NURS 175 or PNRS 152.

NURS 253
Nursing Practice, Diverse Populations I
5 Credits Total (10-0-143)
Students plan, implement, coordinate, and evaluate nursing care for clients experiencing chronic and/or stable acute alterations in health. Theories, knowledge, current evidence, and a broad range of skills for nursing practice are incorporated to provide culturally sensitive, age-appropriate, evidence-informed, holistic nursing care. Clinical nursing skills are applied to promote optimal health and to evaluate, intervene, and advocate for persons with alterations in health status. Collaboration with the client, family, and interprofessional and intersectoral team members is incorporated.
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252, and PNRS 252.

NURS 255
Nursing Practice, Diverse Populations II
5 Credits Total (10-0-143)
Students build on the knowledge and skills attained in NURS 253, with an emphasis on holistic care and evidence-informed practice. The nursing focus is on promotion of optimal wellness and provision of safe, competent, ethical nursing care for clients experiencing chronic and/or acute alterations in health, working with situations of increasing complexity. Critical thinking, problem solving, and ethical reasoning are enhanced. Collaboration with the client, family, and interprofessional and intersectoral members continues.
Prerequisites: Minimum grade of C- in NURS 253.

NURS 270
Nursing Care Across the Lifespan
4 Credits Weekly (3-2-0)
In this nursing theory and lab course students advance understanding of disciplinary ways of knowing, further develop critical thinking skills and acquire nursing skills for the provision of care with individuals and families across the lifespan with chronic and/or stable acute alterations in health. Nursing concepts, models and theories including relational practice/inquiry, strength based care, culturally safe relationships, and evidenced-informed practice are incorporated as a framework to understand illness experiences and promotion of health and healing.
Prerequisites: Minimum grade of C- in HLST 154, NURS 175, PSYC 104, and PSYC 105.

NURS 272
Mental Health Nursing
3 Credits Weekly (3-0-0)
Knowledge, skills and attributes are attained for evidence-informed, ethical, culturally relevant, age-appropriate, holistic nursing care with persons who experience acute or chronic alterations in mental Illness, mental health and substance use. Lifespan issues and alterations are examined for children, adolescents, adults and older adults. Theories and models are incorporated as a basis for understanding mental illness experiences and promoting mental health and healing. The impact of political, economic and sociocultural influences on the client, health system, communities, and the role of the nurse are discussed. The role of the nurse is explored using a primary healthcare and trauma-informed lens, across the continuum of care.
Prerequisites: Minimum grade of C- in HLST 154, NURS 175, PSYC 104,and PSYC 105.

NURS 275
Nursing Practice I Across the Lifespan
5 Credits Total (10-0-143)
In this clinical course students engage in nursing practice with individuals and families experiencing chronic illness and/or stable acute alterations in health. Students use disciplinary ways of knowing, critical thinking, and the nursing process to promote health in individuals and families. Students collaborate with individuals, families, interprofessional team members, peers, and faculty to provide holistic nursing care.
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 252, NURS 270, and NURS 272.

NURS 277
Nursing Practice II Across the Lifespan
5 Credits Total (10-0-143)
In this clinical course students build on competencies gained in NURS 275. Students engage in more complex nursing practice with multiple individuals and families experiencing chronic illness and/or stable acute alterations in health. Students use disciplinary ways of knowing, critical thinking, and the nursing process to promote health in individuals and families. Students collaborate with individuals, families, interprofessional team members, peers and faculty to provide holistic nursing care.
Co-requisites: Minimum grade of C- in NURS 275.

NURS 279
Nursing Practice Mental Health Nursing
5 Credits Total (10-0-143)
Students plan, implement, coordinate and evaluate nursing care for persons experiencing, or at risk for, chronic or acute alterations in mental health in a variety of settings. Nursing theories, knowledge, current evidence and a diverse range of skills are incorporated to provide culturally sensitive, age-appropriate, evidence-informed nursing care. Communication and assessment skills are used to recognize and initiate early interventions to promote mental health, and to evaluate and intervene for persons with alterations in mental health status. Collaboration with patients/clients, family, interdisciplinary and intersectoral members is emphasized, including access and use of community health resources.
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 252, NURS 270 and NURS 272.

NURS 341
Nursing Research Processes
3 Credits Weekly (3-0-0)
Fundamental concepts, components and methodologies of research are examined. Qualitative and quantitative approaches are differentiated and discussed in relation to development of knowledge. Novice research skills for application and evaluation are attained. Historical and current perspectives of nursing science are discussed, including the interplay among development, dissemination and implementation of knowledge. Ethical issues, clinical and statistical significance, and implementation of evidence-based practice are integrated. Discovery, teaching, application and integration are introduced as dimensions of scholarship within the domains of nursing practice.
Prerequisites: RN or RPN & minimum grade of C- in a 3-credit 100 or 200-level university statistics course OR minimum grade of C- in NURS 277 & NURS 279 OR NURS 255 & PNRS 255 & PNRS 259 AND a 3 credit 100 or 200-level university statistics course.

NURS 344
Fundamentals of Nursing Research
3 Credits Weekly (3-0-0)
The focus of this course is on the fundamental concepts, methods, and processes of research in nursing and health. Qualitative and quantitative approaches are introduced and discussed in relation to the development of knowledge for nursing practice. Emphasis is placed on reading, understanding, and systematically evaluating research to inform nursing practice. The ethical conduct of research is addressed.
Prerequisites: A minimum grade of C- in a 3-credit 100- OR 200-level university statistics course AND, (NURS 255, PNRS 255, AND PNRS 259) OR (NURS 277 AND NURS 279).

NURS 370
Nursing Care of the Acutely Ill Across the Lifespan
4 Credits Weekly (3-2-0)
Knowledge, skills and attributes are acquired and applied for evidence-informed nursing care with diverse individuals and families, who are experiencing acute and complex alterations in health. Selected nursing theories and models are used as a framework to guide nursing practice and facilitate the promotion of health and healing from a population health perspective. Management and alleviation of symptoms are discussed with perspectives of body-mind-spirit related to alterations in health across the lifespan. Integration of capacity building, health assessment, effective communication, teaching/learning, collaborative decision making, and critical thinking guide nursing practice. Discussions, practice scenarios, and simulations are utilized to enhance priority setting and formulation of nursing interventions related to care of patients/clients experiencing acute and complex health alterations.
Prerequisites: Minimum grade of C- in NURS 277 and NURS 279.

NURS 372
Nursing Care of Families with Young Children
4 Credits Weekly (3-2-0)
Nursing knowledge, skills and attributes are acquired and holistically applied for evidence-informed nursing care with families throughout preconception, antepartum, intrapartum, postpartum, and childrearing from birth to adolescence. Selected developmental and family theories and population health perspectives and programs are integrated to promote and enhance health and well-being, to prevent illness and injury and to nurture people and families to actualize their full potential. Current trends and issues in childbearing and childrearing are explored and analyzed from multiple perspectives.
Prerequisites: Minimum grade of C- in NURS 277 and NURS 279.

NURS 375
Nursing Practice: Nursing Care of Acutely Ill Across the Lifespan
5 Credits Total (10-0-143)
Students integrate evidence-informed knowledge to guide nursing care with individuals and families experiencing alterations in health within acute care settings. Students promote health and healing, and respond appropriately to alterations in health status. Integration of diverse skills, including health assessment, effective communication, teaching/learning strategies/principles, decision making, and critical thinking, will guide nursing care. Utilization of reflective practice combined with organization and priority setting directs the student to provide safe, competent, and ethical nursing care. Students become increasingly self-directed in the provision of collaborative care with the individual/family, intersectoral groups, and transdisciplinary team members.
Prerequisites: Minimum grade of C- in NURS 344, NURS 370, NURS 372 and HLST 354.

NURS 377
Nursing Practice: Nursing in the Community
5 Credits Total (10-0-143)
Community health concepts, selected theories, current evidence, and skills will be integrated in a variety of community settings. Students collaborate with individuals, families, groups/aggregates, and communities using a relational inquiry approach.. Assessment, planning, and intervention strategies are evaluated to promote individual, family and population health. Intersectoral, interprofessional and community collaboration are integrated to create health promotion strategies. Various topics relevant to community health nursing are further explored in weekly seminars.
Prerequisites: Minimum grade of C- in HLST 354, NURS 344, NURS 370 and NURS 372.

NURS 379
Nursing Practice: Nursing Care of Families throughout Childhood
5 Credits Total (10-0-143)
Nursing knowledge, skills and attributes are acquired and holistically applied for evidence-informed nursing care with families throughout preconception, antepartum, intrapartum, postpartum, and childrearing from birth to adolescence in the clinical setting. Selected developmental and family theories and population health perspectives and programs are integrated to promote and enhance health and well-being, to prevent illness and injury and to nurture people and families to actualize their full potential in collaboration with the family, interprofessional, and intersectoral team members. Intervention strategies and modalities are implemented in a variety of settings. Current trends and issues in childbearing and childrearing are explored and analyzed from multiple perspectives.
Prerequisites: Minimum grade of C- in HLST 354, NURS 344, NURS 370 and NURS 372.

NURS 380
Foundations in Canadian Nursing
2 Credits Weekly (2-0-0)
This course reviews the Canadian healthcare system structure and function as well as contextual implications on the nursing workforce pertinent to diverse health environments. Nursing history in Canada is reviewed along with Indigenous health and meaningful reconciliation. Foundational principles of health, health promotion, and nursing theory are explored.

NURS 381
Nursing to Support Wellness and Health
5 Credits Weekly (3-2-0)
Application of nursing knowledge to intra- and interprofessional collaboration are considered alongside nursing care approaches and actions that support well-being. Critical thinking for effective nursing decision-making is applied to diverse practice situations, including the application of pathophysiology and pharmacological knowledge. Relational practice is developed along with skills associated with aging care and acute care of those with health challenges.

NURS 382
Applied Professional Nursing Practice
5 Credits Weekly (3-2-0)
Professional nursing attributes and capabilities are explored alongside leadership, innovation, organizational change, and teamwork. Technological advances and complex nursing care modalities are addressed. This course enables students to conduct a comprehensive health assessment with culturally diverse populations.

NURS 383
Nursing Knowledge Consolidation
2 Credits weekly (0-2-0)
Professional nursing care is reviewed and honed within an innovative lab environment where care interventions, thinking and leadership are applied to authentic learning experiences.

NURS 384
Clinical Nursing Practice Integration
8 Credits Total (0-15-256)
Clinical practice integration spanning supervised and preceptored nursing practice will assist students in transitioning from learner to practitioner with the development of competence and confidence needed in the current healthcare context. This final nursing practice-focused course integrates both instructor-supervised and preceptored clinical learning experiences. Seminars facilitate a community-based learning approach to networking and understanding the lived experience of the lifelong learning nurse.

NURS 420
Evidence and Inquiry in Nursing Practice
3 Credits Weekly (3-0-0)
Students pursue an in-depth research project. Students develop the ability to search for and synthesize relevant evidence, and create a product for potential dissemination related to a practice/research question. Students analyze the influence of the evidence-informed movement in nursing and health on clinical judgment, decision-making, and knowledge transfer.
Prerequisites: Minimum grade of C- in NURS 375, NURS 377 and NURS 379 (Plus consent of the department).

NURS 422
Living With Chronicity
3 Credits Weekly (3-0-0)
Students expand their knowledge of individuals and families experiencing chronic health conditions including social, political and societal perspectives. Theoretical approaches towards alterations in health are examined for individuals and populations experiencing chronicity across the life span. Trends and issues, including health maintenance challenges, planning, delivery and utilization of health care resources are discussed using stakeholder experience and evidence. Students explore the role of the registered nurse in promoting self-management and preventive care.
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379 or with permission of the instructor.

NURS 424
Fostering Resilience in Priority Populations
3 Credits Weekly (3-0-0)
This course offers the opportunity for analysis of perspectives that influence the age of sustainable development. Students broaden and deepen their understanding of the complexity of linkages between sustainable development, emerging public and global health challenges, and resilience. The focus is on groups, aggregates and populations experiencing health inequities and inequalities related to the social and structural determinants of health. Evidence, theories, models and frameworks that foster resilience, inclusion, capacity building and advocacy for strengthening community action and sustainable interventions and programs are integrated. The roles of the Registered Nurse within interprofessional and intersectoral collaborative contexts are analyzed. Students collaborate with community stakeholders to evaluate existing interventions and programs and services pertaining to selected priority populations, ultimately aiming to create innovative, evidence-informed interventions and communication strategies that target multidisciplinary stakeholders to promote health equity and equality in priority populations.
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379 or with permission of instructor.

NURS 426
Perspectives of Trauma and Injury
3 Credits Weekly (3-0-0)
Students explore the socio-ecological perspective of trauma and injury across the human lifespan. Primary health care approaches to trauma and injury are analyzed in relation to individuals, families, communities, and populations. The core concepts, practices, organizational and ethical considerations of nursing care related to trauma are examined. The role of the registered nurse within interprofessional and intersectoral collaborative contexts is analyzed.
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379 or permission of the instructor.

NURS 428
Perspectives of Life-Threatening and Critical Illness
3 Credits Weekly (3-0-0)
Students discuss themes and examine concepts related to life-threatening illness across the continuum of health, healing, rehabilitation, and end of life care. Health promotion, injury/illness prevention, and risk assessment are discussed within the context of critical illness and prevalent risks and factors of critical illness are examined. Students have the opportunity to explore an area of interest in further depth. A variety of perspectives are considered for promotion of best practices and evidence-informed nursing care, including patient/family-centered approach, safety, policy, quality improvement, ethical reasoning, quality of life, and inter-professional collaborative practice. Students have the opportunity to explore areas of interest relevant to life threatening and critical illness in further depth.
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379 or with the permission of the instructor.

NURS 432
Transforming Health through Teaching and Learning
3 Credits Weekly (3-0-0)
Students work both independently and with faculty guidance to explore the role of education in professional nursing practice. Students analyze the theoretical underpinnings of philosophies and principles of education to enhance health and promote critical literacy. The impact of health education issues and trends are explored within the context of the learner-educator relationship. Students engage in a process of individual and collective learning to acquire salient knowledge, skills, and attributes related to the development of an evidence-informed teaching practice. The student is expected to develop, demonstrate, and evaluate teaching and learning approaches used across the lifespan within varying contexts and populations.
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379 or with the permission of instructor.

NURS 472
Leadership in Nursing
3 Credits Weekly (3-0-0)
Principles, theories and competencies of leadership and followership are examined. Concepts of power, influence and change are discussed in relation to formal and informal nursing leadership roles. Relevant theory, evidence, practices and principles are addressed. Personal, organizational and societal influences on leadership are examined, emphasizing the leadership role of nurses within the healthcare system.
Prerequisites: Minimum grade of C- in NURS 344 and HLST 354.

NURS 474
Future Directions in Nursing
3 Credits Weekly (3-0-0)
Students develop an awareness of how trends and emerging issues from provincial, federal, and global perspectives influence the health care system, professional practice, and the discipline of nursing. Through collaborative learning and self-reflection, students examine diverse practice roles and settings, continuing education opportunities, and a variety of current trends and issues within the context of present and future implications for nursing. Students explore and develop a sense of self as a professional and personal strategies for future practice.
Prerequisites: Minimum grade of C- in NURS 375, NURS 377, and NURS 379.

NURS 475
Ethics in Gerontology and Palliative Care
2 Credits Total (30-0-0)
Students undertake a comprehensive examination of the historical, philosophical and theoretical complexities of health ethics through the critical analysis of ethical frameworks and decision making models. These frameworks, along with an understanding of professional nursing standards, are applied to an advanced investigation of contemporary issues within gerontological and palliative care nursing.

NURS 476
Leadership in Care Management
2 Credits Total (30-0-0)
Students focus on the knowledge and skills nurses require for leadership within healthcare organizations in the care of gerontological or palliative care clients. Change management and conflict resolution within teams is examined. Case management, patient navigators and care pathways are explored in order to enhance nursing practice and to facilitate successful outcomes for these client groups.

NURS 477
Therapeutic Relations in Specialty Practice
3 Credits Total (45-0-0)
Students focus on the advancement of therapeutic relationship skills in application to palliative and gerontological client and family care. Theories and concepts within the therapeutic relationship are explored with an emphasis placed upon therapeutic assessment and nursing interventions. Family dynamics, culture, human diversity, conflict, grief and bereavement are key factors examined in gerontology and palliative client care relationships. Strategies are targeted to support and strengthen resilience and coping mechanisms of the client and family. As a foundation in client-family care, interprofessional collaboration is cultivated in the context of therapeutic relationship development.

NURS 478
Field Project
1 Credit Total (0-0-30)
Through development of a self-directed project, students engage in an opportunity to demonstrate an advanced level of mastery in specific subject matter related to either the specialty fields of gerontological or hospice palliative care nursing. In this focused study, students appraise, synthesize and integrate prior program theory, experiential learning, contemporary research, and evidence-based inquiry in the application of concepts specific to nursing practice. Students are responsible for the design of their project objectives, selection of project strategies and evaluation of the project under the supervision of faculty.

NURS 479
Nursing Practice: Professional Roles Influencing Care
5 Credits Total (0-15-115)
Students consolidate knowledge and skills as they begin the transition to registered nursing practice. Clinical practice experiences are selected to maximize readiness to practice, develop confidence and enable collaboration with interprofessional teams. Students integrate theories and knowledge related to nursing practice, ethics, leadership/followership, complexity science, and healthcare system trends. Students evaluate the influence of evidence, policy and legislation on decision-making practices in complex health systems using a solution-focused perspective. Students analyze relational capacity of self and others for leadership, conflict management, team building, and change management. Knowledge, assessment, critical inquiry, clinical judgment and best nursing practices are integrated.
Prerequisites: Minimum grade of C- in NURS 472 and NURS 474.

NURS 480
Conceptualizing Gerontology
2 Credits Total (30-0-0)
Students examine concepts of the aging experience and explore health, transitions, self actualization, and independence in order to respond to the unique needs of the older individual. Along with this expanded knowledge, gerontological nursing competencies, standards and models of nursing practice enable the student to describe a personal framework of care delivery to older adults.

NURS 481
Optimizing Older Adult Health
4 Credits Total (60-0-0)
Health status changes in the older adult occur as a result of normal aging processes, individual environment adaptation, common health conditions and the presence of disease. Students assess and interpret these elements, develop appropriate nursing responses, and consider interprofessional team interventions in the management of acute and chronic disease. Students explore presenting signs and symptoms in their health assessment. Nursing care strategies reflect the inter-relationship between aging body systems, disease processes, and medication effects in order to optimize healthy aging. Student evaluate the resultant care strategies of current gerontological nursing research to support healthy aging care strategies.

NURS 482
Dementia Care in the Elderly
4 Credits Total (60-0-0)
Dementia care in the older adult is addressed across all care settings, from prevention through to end-of-life care. The characteristics, etiology, risk factors and behavioural manifestations associated with dementia are explored. Current protective factors, drugs, and treatments used in care of persons with dementia are reviewed. Ethics, values, end-of-life and caregiver issues are discussed within the context of dementia care.

NURS 483
Conceptualizing Hospice Palliative Care
2 Credits Total (30-0-0)
An introduction to the holistic approach, foundational values, and models of care in the provision of adult end-of-life care are the focus of this course. Professional standards of practice and frameworks throughout the life-threatening illness continuum of care are summarized. Issues pertaining to the palliative population are discussed. The impact of a terminal illness on quality of life for the person and family is addressed.
Prerequisites: Registered nurse, registered psychiatric nurse, or consent of the program.

NURS 484
Pain Assessment and Management
4 Credits Total (60-0-0)
Students examine the multidimensional, interprofessional approach to the assessment and management of pain. The impact of pain in malignant, nonmalignant, and chronic conditions in the palliative and gerontological populations are explored. The use of pharmacological, non-pharmacological, and complementary therapies used in the management of pain are examined. Issues associated with pain management are addressed.

NURS 485
Palliative Symptoms
4 Credits Total (60-0-0)
Physical symptoms of concern in adult palliative care are addressed. Through a multidimensional, interprofessional approach, symptom assessment, etiology, interpretation, and treatments of symptoms are examined. The implications and treatment of common complications and palliative emergencies are explored. The physiological changes when approaching death are discussed.

NURS 489
Nursing Practice: Preceptorship
9 Credits Total (0-0-375)
Students are prepared for the transition into registered nursing practice. Through a preceptored practicum, students demonstrate knowledge, skills, attributes, confidence, competence and independence in nursing practice. Students appraise, synthesize and integrate theoretical and practical knowledge to demonstrate ethical reasoning, clinical judgement, moral competency, reflection and inquiry. Students exemplify flexibility, integrity and leadership attributes to manage ambiguity within a complex, dynamic health care system.
Co-requisites: Minimum grade of C- in NURS 479.

OAAS – Office Assistant

OAAS 110
Administrative Office Procedures I
3 Credits Weekly (4-0-0)
Students focus on professional administrative skills needed for success in the business world. Topics include the role of the administrative assistant, business procedures, current workplace issues, time-management strategies and stress management.

OAAS 111
Office Technology I
3 Credits Weekly (4-0-0)
Students attain an intermediate level of proficiency with current word processing software to produce and edit accurate business documents. In addition, students create electronic folders and work with the computer operating system.

OAAS 116
Customer Service I
3 Credits Weekly (3-0-0)
Customer service skills and behaviours can determine future success in an administrative role. Students will develop the skills necessary to understand customer needs and solve problems.

OAAS 120
Administrative Office Procedures II
3 Credits Weekly (4-0-0)
Students focus on the preparation of business documents and the coordination of business activities. Topics include company research, research interviews, travel arrangements, conferences, meetings and other topics relative to a changing office. Students research, prepare, and present a report on a company in preparation for field placement.
Prerequisites: OAAS 110.

OAAS 121
Office Technology II
3 Credits Weekly (4-0-0)
Students attain an intermediate level of proficiency in spreadsheet and database applications.
Prerequisites: OAAS 111.

OAAS 122
Human Resource Basics
3 Credits Weekly (3-0-0)
In today's fast-paced work environment, many employees play a role in human resources. This course will introduce students to key human resource concepts and functions so that they are well-equipped to be a strategic partner in an organization.

OAAS 124
Customer Service II
3 Credits 3-0-0
Administrative positions often act as the first point of contact for customers. In this course, students will expand their customer service skills and improve their customer service techniques in any situation, including the digital environment.
Prerequisites: OAAS 116.

OAAS 127
Presentations and Web Pages
3 Credits Weekly (3-0-0)
Students develop effective presentations and create and maintain basic Web pages using available software.

OAAS 130
Administrative Office Procedures III and Field Placement
3 Credits Total (40-0-20)
Students are introduced to the functions of selecting, hiring, training, and supervising office personnel. Students complete an office simulation team project. Students complete a 10-day field placement.
Prerequisites: Successful completion of all Term I and Term II courses.

OAAS 131
Office Technology III
3 Credits Weekly (4-0-0)
Students work at an advanced level in word processing and at intermediate level to advanced level with spreadsheets, database and other software applications.
Prerequisites: OAAS 121.

OAAS 133
Advanced Office Documents
3 Credits Weekly (3-0-0)
Common office software can be used to produce high-quality, professional documents that serve as exemplars. Students will build on skills in Office Technology I and II and learn to customize tools, manage and protect documents, and apply specialized formatting to produce professional documents.
Prerequisites: OADM 128.

OAAS 134
Office Technology III
3 Credits Weekly (3-0-0)
Web pages are often the first point of contact for many businesses. This course will focus on how to effectively design and publish a website and other digital technologies that are commonly used in business. Students will also build on presentation skills from Office Technology II and enhance presentations to reflect a high level of professionalism.
Prerequisite: OADM 128.

OADM – Office Assistant

OADM 110
Office Procedures
3 Credits Weekly (3-0-0)
Every workplace is different, yet practices and procedures are largely consistent. Students will learn the basics of working in an office environment by developing the hard and soft skills necessary to succeed in any administrative role.

OADM 112
Customer Communications and Service I
3 Credits Weekly (4-0-0)
Students focus on the oral and written communication skills applicable in today's business environment with an emphasis on cross-cultural communication. Students compose and edit routine business correspondence. In addition, students prepare and present an informal report.

OADM 113
Document Formatting I
3 Credits Weekly (4-0-0)
Students develop intermediate skills in the production of business documents. Within specified timelines, students will apply formatting and proofreading skills to business documents, and transcribe correspondence from a digital recording. In addition, students are expected to attain a minimum speed of 40 words per minute on a five-minute timing using a five-error cut-off.

OADM 114
Office Technology I
3 Credits Weekly (3-0-0)
To be effective and efficient, it's important to have a good understanding of the commonly used office software. Explore and utilize some of the basic functions of everyday office software to gain proficiency in producing accurate business documents.

OADM 115
Business Communication I
3 Credits Weekly (3-0-0)
Accurate and effective communication is increasingly important in the digital age. Using guided practice, this course will help students develop the skills necessary to plan, write, and complete business messages focusing on email and letter writing skills.

OADM 116
Business Math
3 Credits Weekly (3-0-0)
Develop and apply basic math functions in business and corporate settings using current industry software. This course serves as an introduction to financial terms and practices that are commonly used.

OADM 117
Bookkeeping & Accounting
3 Credits Weekly (3-0-0)
Building on mathematical and spreadsheet skills from Business Math, students will develop an understanding of the terms required in business bookkeeping and accounting. Using intermediate spreadsheet skills, students will be able to provide basic financial support to assist an accounting department in general day-to-day operations.
Prerequisite: OADM 116.

OADM 122
Customer Communications and Service II
3 Credits Weekly (3-0-0)
Students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio. Students continue to develop their oral and business writing skills within a customer service environment.
Prerequisites: OADM 112.

OADM 123
Document Formatting II
3 Credits Weekly (4-0-0)
Students develop advanced skills in the production of business documents from rough draft, edited copy, and verbal instructions. Students are expected to attain a minimum speed of 45 words per minute on a five-minute timing using a five-error cut off.
Prerequisites: OADM 113 and OAAS 111.

OADM 124
Office Math Applications
1 Credit Weekly (2-0-0)
Students apply basic mathematical concepts in business and personal applications. Topics covered in this course include compiling petty cash expenses, preparing a petty cash envelope, calculating expense claims, completing bank reconciliation statements, calculating early payment discounts and differences between gross pay and net pay.

OADM 125
Business Communication II
3 Credits Weekly (3-0-0)
This course will build on the foundational skills from Business Communication I to help students communicate more confidently and effectively. Students will further hone their written communication skills for specific types of messaging and develop oral communication skills.
Prerequisites: OADM 115.

OADM 128
Office Technology II
3 Credits Weekly (3-0-0)
Building on the skills from Office Technology I, students will become more efficient at producing business documents by using advanced word processing features. Students will also develop technical skills required for presentations.
Prerequisites: OADM 114.

OADM 131
Office Assistant Field Placement
3 Credits
Every workplace is different, yet practices and procedures are largely consistent. Students will experience working in an office environment and develop the hard and soft skills necessary to succeed in any administrative role.
Prerequisites: Completion of 30 program credits, Students can register for field placement (OADM 131) in their final term of study.
Co-requisites: 3 specific major courses for each major and OADM 110 (Office Procedures).

OADM 135
Business Communication III
3 Credits Weekly (3-0-0)
Building on the skills in Business Communications I and II, students will continue to improve their verbal and written communication. Students will enhance their persuasive communication skills and apply key techniques and approaches to business activities.
Prerequisites: OADM 125.

OALS – Office Assistant

OALS 110
Legal Office Procedures I
3 Credits Weekly (4-0-0)
This course introduces students to basic theory and procedures needed for working in a legal office. Topics include the role of the legal assistant, telephone techniques, filing techniques and systems, preparation of statements of account, preparation of legal documents and correspondence. In addition, students learn about the importance of confidentiality.

OALS 111
Word Processing
3 Credits Weekly (4-0-0)
Students attain an intermediate level of proficiency with current word processing software to produce and edit accurate business and legal documents. In addition, students create electronic folders and work with the computer operating system.

OALS 112
Customer Communications and Service
3 Credits Weekly (4-0-0)
In preparation for success in the changing business world, this course focuses on customer service, basic business correspondence, preparation for meetings and roles and responsibilities in meetings. In addition, students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio.

OALS 115
Corporate Procedures in the Law Office
3 Credits Weekly (3-0-0)
This course is an introduction to the fundamental elements of the law governing corporate procedures. Students learn the procedural law associated with sole proprietorships, partnerships and corporations. As well, students learn the processes to register and maintain the registration of corporations.

OALS 116
Legal Office Documents I
3 Credits Weekly (3-0-0)
Students will learn how to access, edit, and create a variety of legal documentation used in a law office. Through the drafting of legal documents, students will demonstrate the protocols and procedures required for documentation used in client files. Students are introduced to information management procedures used in legal environments.

OALS 120
Legal Office Procedures II
3 Credits Weekly (4-0-0)
This course reviews basic theory and procedures for working with court documents. Students explore the fundamentals of family law and litigation and prepare documents and correspondence related to family law and litigation.
Prerequisites: OALS 110.

OALS 121
Integrated Office Applications
3 Credits Weekly (4-0-0)
Students work at an introductory level in database and presentation software and to an intermediate level in spreadsheet software.
Prerequisites: OALS 111.

OALS 123
Legal Research and Technology
3 Credits Weekly (4-0-0)
This course examines the fundamentals of legal research, involving primary on-line research resources. Case law, legislation and secondary resources are included. Students work at an advanced level in word processing software.
Prerequisites: OALS 111.

OALS 126
Legal Office Documents II
3 Credits Weekly (3-0-0)
Students will build upon their knowledge from Legal Office Documents I by creating additional documents used in a legal office setting. Students will apply knowledge of the Law Society of Alberta Trust Safety Rules to legal accounting as it pertains to client file management in a law office.
Prerequisites: OALS 116.

OALS 131
Legal Transcription and Field Placement
3 Credits Total (40-0-20)
Students transcribe legal correspondence and documents from digital dictation. Students are introduced to legal customized software. Students complete a ten-day Field Placement.
Prerequisites: Successful completion of all Term I and Term II courses.

OALS 132
Conveyancing Procedures in the Law Office
3 Credits Weekly (4-0-0)
In this course, students learn basic theory and practical procedures of the law governing conveyancing. Students apply the theory and practice to complete both a sale and a purchase of a residential property.

OAMS – Office Assistant

OAMS 110
Medical Office Procedures I
3 Credits Weekly (3-0-0)
Using both theoretical and hands-on practice, students will learn general medical office procedures for a wide variety of settings. The strict protocols of privacy and confidentiality practices of the Alberta healthcare system will be examined and applied.

OAMS 111
Office Technology and Skill Development I
3 Credits Weekly (4-0-0)
Students create and manage electronic files and work with email and Windows. Student attain an intermediate level of competency in word processing and develop skills in formatting documents using current software. In addition, students achieve a minimum typing speed of 35 net words per minute on a five minute timing, using a five error cut off.

OAMS 112
Customer Communications and Service
3 Credits Weekly (4-0-0)
In preparation for success in the changing business world, this course focuses on customer service, basic business correspondence, preparation for meetings and roles and responsibilities in meetings. In addition, students actively engage in job search techniques including the preparation of resumes, covering letters and a personal business portfolio.

OAMS 113
Medical Terminology I
3 Credits Weekly (3-0-0)
Analyse language and terms used in the medical system. Emphasis will be placed on spelling and understanding of medical terminology, including pharmaceutical terminology.

OAMS 114
Pharmaceutical Terminology
3 Credits Weekly (3-0-0)
This course is an introduction to basic pharmaceutical terminology. Students focus on the pharmaceutical terminology related to their administrative duties as medical office assistants and unit clerks.

OAMS 120
Medical Office Procedures II
3 Credits Weekly (3-0-0)
Building on skills from Medical Office Procedures I, students will learn important skills to effectively communicate with patients, doctors, and other healthcare professionals. Using both theoretical and hands-on practice, students will demonstrate common tasks in medical office and hospital settings.
Prerequisites: OAMS 110.

OAMS 121
Office Technology and Skill II
3 Credits Weekly (4-0-0)
Students work with spreadsheets, database and presentation software in the preparation of business documents and presentations. In addition, students achieve a minimum typing speed of 40 net words per minute on a five minute timing, using a five error cut off.
Prerequisites: OAMS 111.

OAMS 123
Medical Terminology II
3 Credits Weekly (3-0-0)
Building on knowledge from Medical Terminology I, students will continue to analyze medical language and terms. Terminology of different systems will be addressed with an emphasis on spelling, abbreviations, and pharmacology.
Prerequisites: OAMS 113.

OAMS 126
Medical Transcription
3 Credits Weekly (4-0-0)
Students develop the skills and knowledge necessary to accurately transcribe a variety of medical reports from audio. Students incorporate their knowledge of medical and pharmaceutical terminology, medical abbreviations, punctuation and grammar. Emphasis is placed on development of transcription speed and proofreading skills. Note: students may take OAMS 123 - Medical Terminology and OAMS 126 - Medical Transcription concurrently with permission.
Prerequisites: OAMS 123.

OAMS 127
Unit Clerk
2 Credits Weekly (3-0-0)
This course prepares students to work as a Unit Clerk or Clerk within a hospital or a medical office setting. Students learn how to transcribe doctors' orders, to support the manager and other health care professionals in various administrative tasks, and to perform other required duties within a clinical nursing unit or within a medical office administrative setting.
Prerequisites: OAMS 113 and OAMS 114.

OAMS 128
Office Math Applications and Basic Bookkeeping
2 Credits Weekly (2-0-0)
Students apply basic mathematical concepts in business and personal applications. Topics include compiling petty cash expenses, preparing a petty cash envelope, calculating expense claims, completing bank reconciliation statements, calculating early payment discounts and differences between gross pay and net pay. In addition, bookkeeping terminology and its application are covered.

OAMS 129
Medical Office Procedures III
3 Credits Weekly (3-0-0)
Building on skills from Medical Office Procedures I and II, students will focus on the clinical procedures of medical offices. Using theory and hands-on practice, students will gain competency in skills for their field placement.
Prerequisite: OAMS 120.
Co-requisite: OAMS 120.

OAMS 130
Medical Office Procedures III
3 Credits Weekly (4-0-0)
This course focuses on the practical experience in preparation for work in a variety of medical office and hospital environments. Students learn health and safety regulations, infection control principles, first-aid techniques necessary to work in a clinical environment. Students continue to increase proficiency in medical and pharmaceutical terminology, requisitioning of medical tests or procedures, office technology, keyboarding and transcription skills. As well, students will demonstrate professional behaviour and attire. The students will gain hands on experience by practicing medical office assistant clinical skills and duties which include taking patients` vital signs, documentation of patient information or results, and performing some basic testing for patients within their scope of practice.
Prerequisites: ENGL 102 or WRIT 101, OAMS 110, OAMS 111, OAMS 113, OAMS 114, OAMS 128, OAMS 112, OAMS 120, OAMS 121, OAMS 123, OAMS 126, OAMS 127.

OAMS 134
Medical Major-Field Placement
3 Credits Total (0-0-120)
This course focuses on practical application of the skills required in the operation of medical environments (such as doctor's office, clinic, hospital, or government medical department) through a three week field placement. (Note: In order to participate in the Medical Major Field Placement, students must have completed all Term 1 and Term 2 courses as well as OAMS 130 Medical Office Procedures III, present a minimum of a 2.0 GPA. Students must meet all the requirements of the placement facility including obtaining any required documentation, Police Information Clearance (including a Vulnerable Sector Search) training, or immunizations.
Prerequisites: All term 1 and term 2 courses and OAMS 130.

OCCH – Occupational Health

OCCH 300
Introduction to Occupational Health Nursing
3 Credits Total (45-0-0)
Students are introduced to the field of occupational health nursing through examination of basic concepts in this nursing specialty. The history of occupational health is explored with emphasis on defining the occupational health nurse's role in occupational health environments. Roles and functions of the occupational health and safety team are discussed as well as the relationships between its members. Standards and competencies that apply to this field of nursing are addressed and government legislation which influences occupational health programs is examined. Assessment of workers and their work environments is introduced.

OCCH 301
Occupational Environments
4 Credits Total (60-0-0)
Students examine the relationship between workers and their working environment. Students explore the philosophy of identifying, evaluating, and controlling occupational stressors that affect the health of workers. Health hazards produced by physical, chemical, biological, and ergonomic stressors are addressed. Canadian provincial legislative and regulatory requirements concerning the work environment are discussed. As well, basic principles of incident prevention are identified.

OCCH 302
Occupational Health Screening
4 Credits Total (45-0-30)
Students examine current best practices in occupational health screening and the role of the occupational health nurse in their application. Students perform venipuncture and screening tests including audiometry, spirometry, and vision and review and apply the results of testing to occupational health programs in the workplace.

OCCH 303
Field Experience in Occupational Health Nursing
2 Credits Total (15-0-60)
Students engage in practical learning experiences to increase their awareness of the variability of the occupational health and safety field. Through actual work site placements and virtual workplace activities, students relate occupational health and safety concepts to practice to gain an understanding of the range of settings and scope of practice for occupational health nurses.
Prerequisites: OCCH 300.

OCCH 304
Occupational Health Program Development
3 Credits Weekly (3-0-0)
Students are provided with the foundational knowledge that enables them to develop and manage occupational health services and programs. Specific information in the areas of assessing, planning, implementing, and evaluating work site health promotion programs is reviewed. Planning an occupational health centre is covered along with developing policies and procedures and evaluating effectiveness. Business skills required by employers, such as preparing business plans, strategic planning, budgeting, and marketing are reviewed. The course is intended to be practical and directly applicable to the occupational health setting.

OCCH 305
Disability Management
3 Credits Total (45-0-0)
The occupational health nurse (OHN) student is provided with the foundational knowledge required to develop and manage a comprehensive and effective disability management program. Students examine the basic principles and concepts required to plan, develop, implement, and evaluate programs that are aimed at controlling the economic and human costs of disabilities in the workplace. The focus of this course is on the role of the OHN and the processes for claims management, case management and return to work management. Roles and responsibilities of the disability management team and the collaborative approach are discussed. Injury prevention, education, worker accommodation, absenteeism control, and employee assistance programs are addressed. After completing the course, students have the basic knowledge required to manage injuries and illnesses in the workplace that result in workers' compensation, short term disability, or long term disability claims.

OCCH 306
Trends and Issues in Occupational Health
3 Credits Total (45-0-0)
Students examine current occupational health trends and issues as they relate to the occupational health nurse's role. Professional practice issues such as quality improvement, independent practice and pandemic management are addressed. A number of topics relevant to today's practice, such as substance use and substance testing in the workplace, utilization of technology, the impact of worker demographics in the workplace and organizational fitness and wellness are examined. In addition, change management, leadership and ethical decision-making are discussed as they relate to the occupational health nurse's responsibilities in contemporary times.
Prerequisites: OCCH 300.

OCCH 307
Occupational Toxicology
3 Credits Total (45-0-0)
Students are introduced to the principles of toxicology as they relate to the working environment. Substances such as pesticides, solvents, metals, gases, and particulates are discussed. The effects of these substances on reproduction and carcinogenesis are addressed. The student is also introduced to the principles of epidemiology.

OCCH 308
Occupational Health Surveillance
3 Credits Total (45-0-0)
Students examine occupational health surveillance concepts and the professional, legal and ethical responsibilities of the occupational health nurse in the workplace. Topics include program development for surveillance of workers exposed to physical, chemical, biological, ergonomic and psychosocial health hazards related to occupational illness and injury, as well as emerging disorders. The nurse's role in the provision of primary care, emergency preparedness and disaster planning is examined.
Prerequisites: OCCH 301.

OCCH 309
Occupational Health Nursing: Final Project
2 Credits Total (0-0-75)
Students assess their learning throughout the Occupational Health Nursing (OHN) program, and translate it to new, more advanced situations and roles for the OHN. Students use connections made between the courses taken and the field of practice to enhance their understanding of the occupational health nurses role as a leader in informing and influencing occupational health and safety. Students consider the local, national or international level in one of the following areas: research, policy development, education, business and strategic leadership, or consulting. Through research students examine how the occupational health nurses contributes or can contribute in an advanced role. Students are responsible for the identification of their specific project under the guidance of faculty.
Prerequisites: OCCH 303, OCCH 304, OCCH 305, OCCH 306, OCCH 307 and OCCH 308.

OOSC – Out of School Care

OOSC 200
School Age Care and Development
3 Credits Total (45-0-0)
Students examine the role of the child care professional and the goals and philosophy of school age care programs for children ages 6 to 12. Students learn about the school age child, their developmental characteristics, interests and capabilities. Students apply this knowledge to developing play experiences for the school-age child in a group care setting. Students discover and explore recreational and educational resources in the community. An overview of current legislation, standards and professional qualifications that support quality school age programs is included.
Prerequisites: ECDV 155, ECDV 160, ECDV 165, ECDV 170, ECDV 175, ECDV 210, ECDV 201 (Non-program students must provide evidence of knowledge/coursework in prog planning, child devel, human relations, and work with school age children in a group setting).

ORGA – Organizational Management

ORGA 201
Introduction to Management
3 Credits Weekly (3-0-0)
This course focuses on the nature and structure of work organizations and how people function in these environments. Topics include decision making, planning, organizing, controlling, leadership, organizational design and structure, communication, teams, motivation, conflict, change and strategy. Note: Credit can only be obtained in one of MGMT 121 or ORGA 201.

ORGA 310
Advanced Leadership Topics and Issues
3 Credits Weekly (3-0-0)
This course will examine traditional and contemporary leadership theories and models. Contemporary issues and approaches in leadership will be explored and supported through theoretical and practical application of professional skills. Key leadership concepts are applied in a case format in which students will develop and implement a personal leadership plan.
Prerequisites: ORGA 201 and BUSN 201.

ORGA 312
Entrepreneurship
3 Credits Weekly (3-0-0)
A practice-based course where students explore entrepreneurial thinking and acting in order to maneuver in entrepreneurial environments which are unpredictable, uncertain and ambiguous. Students will gain the mindset to work in such an environment in the capacity and create new ventures. Students learn through experimentation and creation of a lean business plan through application of sound business principles. They capitalize on the knowledge they previously gained in various disciplines and from current practices they learn in this class including lean start up and design thinking. This course requires active engagement - students learn through lecture, case studies, experimentation, video and guest speakers.
Prerequisites: MGTS 113, or MATH 114, or MATH 120 and either: (ACCT 218, MGMT 121, MGMT 122, and MGMT 131) OR (ACCT 322, MARK 301, and ORGA 201).

ORGA 314
Managing Negotiation
3 Credits Weekly (3-0-0)
Students explore theoretical concepts that support practical training in the key competencies required for negotiating in day-to-day situations. Students demonstrate and apply negotiating skills and concepts in online practices and out-of-class situations. Topics include negotiating strategies; target, resistance, and walk-away points; opening negotiating tactics; making concessions; closing negotiating tactics; and ethical considerations when negotiating. Students also reflect on their personal development of their negotiating skills.
Prerequisites: ORGA 201 or HRMT 200 or MGMT 121.

ORGA 316
Contemporary Organizational Behaviour and Theory
3 Credits Weekly (3-0-0)
Students will explore contemporary organizational behaviour concepts and theories to develop an understanding of the interaction between individual determinants of behaviour and group dynamics. Students will look at how individuals are shaped and actively shape their organizational environment, and the affect of this dynamic for an organization's success. Note: Credit can only be obtained in one of MGMT 122 or ORGA 316.
Prerequisites: ORGA 201 or MGMT 121.

ORGA 330
Managerial Skill Development
3 Credits Weekly (3-0-0)
Students develop key competencies required for managerial success as they explore relevant theoretical concepts and engage in practical application of those concepts. Students demonstrate an application of managerial skills and concepts in team and individual activities.
Prerequisites: ORGA 201 OR (MGMT 121 and MGMT 122) or consent of the department chair.

ORGA 333
Managing Change
3 Credits Weekly (3-0-0)
Students study the conceptual frameworks of organizational development and change. The dynamics of change, implementation considerations, and understanding and managing resistance to change are analyzed. Students apply theory to case studies and develop tools to lead and navigate change situations.
Prerequisites: ORGA 201.

ORGA 335
Equity, Diversity, and Inclusion in Organizations
3 Credits Weekly (3-0-0)
Students examine the strategic and social importance of equity, diversity, and inclusion (EDI) in the workplace and consider related practices of leaders, supervisors, Human Resource Management professionals, and employees. The influence and impact of various forces are considered, including legislation and regulations, social norms and individual attitudes, and corporate mechanisms such as policies and programs. Instructors have discretion for the specific topics addressed in the course, including but not limited to: business outcomes and environmental-social-governance objectives, human resource management practices, human rights protected areas, employee resource groups, and interpersonal behaviours.
Prerequisite: ORGA 201.

ORGA 410
Business Consulting
3 Credits Weekly (3-0-0)
Students focus on the consulting process, issue and problem diagnosis, consulting approaches and styles, client-consultant relationships, management of change, and professional codes of conduct and ethics. Consultancy is discussed in the context of both internal and external organizational roles and as a career choice. Students work in a team to integrate consulting concepts with knowledge and skills acquired in other Bachelor of Commerce courses and apply them to practical consulting projects.
Prerequisites: ORGA 316.

ORGA 412
Business Innovation and Intrapreneurship
3 Credits Weekly (3-0-0)
Students analyze and discuss theories, principles, concepts and practices of entrepreneurship within organizations – intrapreneurship. Students research and analyze current trends, organizational challenges to innovation, creativity, and opportunities in developing intrapreneurship in organizations. Students also analyze the theories, nature, and dynamics of implementing change in organizational culture and the impact of an organization's adoption of an intrapreneurship strategy.
Prerequisites: ORGA 201 and BUSN 201.

ORGA 422
Contemporary Business Ethics
3 Credits Weekly (3-0-0)
Students learn philosophies, theories, concepts, and methods related to different schools of thought in business ethics (e.g., universal, consequentialist, pragmatic, relativist). Students integrate and apply these concepts on case studies to understand, analyze and render appropriate strategic and ethical judgments concerning the general management of organizations in today's global context. Students analyze and explore contemporary complex social, managerial and technological issues in management; they explore the potential responses government, firms and other institutions have to ethical issues in management and, also, decide what are the contemporary issues in business ethics that they want to learn in depth.
Prerequisites: ORGA 316.

ORGA 497
Special Topics in Management
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Organizational Behaviour, HRM, Management and MIS for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level ORGA *(*p. 800*) course and consent of the department chair or designate.*

ORGA 498
Independent Studies in Management
3 Credits Weekly (0-0-3)
In consultation with and supervised by a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of management. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance management knowledge or practice. Note: This course can be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

ORGA 499
Honours Thesis - Management
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project on an approved topic related to their major culminating in an honours thesis. Students then present and defend their thesis in a public forum. Restricted to Bachelor of Commerce Honours students.
Prerequisites: BUSN 396, BUSN 397 and BUSN 496.

PABA – Psychology: Applied Behaviour Analysis

PABA 281
Principles of Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the application of those findings to important aspects of human behaviour. Note: Students can only receive credit for one of PSYC 281 or PABA 281.
Prerequisites: Minimum grade of C- in PSYC 104.

PABA 385
Introduction to Applied Behaviour Analysis
3 Credits Weekly (3-0-0)
This course examines the ways in which principles of conditioning and learning have been applied to areas of human concern. The basic concepts, specific techniques, and ethical issues involved in the field of applied behaviour analysis are surveyed. Note: Students can only receive credit for one of PSYC 385 and PABA 385.
Prerequisites: Minimum grade of C- in PSYC 281.

PABA 485
Single-Case Research Designs
3 Credits Weekly (3-0-0)
This course is an introduction to single-case research designs. It examines the use of single-case designs to assess various dimensions of behaviour and evaluate the effects of behavioural interventions. The challenges and limitations of single-case research are discussed, as well as the manner in which single-case data can be used to establish the validity of evidence-based interventions. The course encompasses a broad range of research within both the behaviour analytic literature and other disciplines including school psychology, medicine, and business.
Prerequisites: A minimum grade of C- in PSYC 385.

PABA 486
Behavioural Interventions in Developmental Disabilities
3 Credits Weekly (3-0-0)
This course examines the application of behaviour analysis in practice with developmental disabilities, specifically in autism. The course examines the research and the clinical recommendations for behavioural interventions in practice. The course also discusses the practice guidelines by the BACB and the National Standards Project in Autism.
Prerequisites: A minimum grade of C- in PSYC 385.

PABA 487
Clinical Behaviour Analysis and Professional Ethics
3 Credits Weekly (3-0-0)
Psychotherapies rooted in behaviour analysis include functional analytic psychotherapy, behaviour activation therapies, dialectical behaviour theory, and acceptance and commitment therapy. This course will focus on interventions with verbally competent clients (including self-management) by examining language development from a behaviouristic perspective, and by analyzing advanced language and cognition from a post-Skinnerian viewpoint (i.e., relational frame theory, derived relations, rule-governed behaviour, etc.). This course will also focus on the ethical standards for behaviour analysis in professional practice. NOTE: Students cannot receive credit for both PABA 386 and PABA 487.
Prerequisites: A minimum grade of C- in PSYC 281 and PSYC 385.

PACT – Physical Activity

PACT 103
Physical Fitness
3 Credits Weekly (2-1-0)
This is an experiential and lecture course designed to provide participants with a working understanding of health and physical fitness, in addition to the basic concepts for development and measurement. The interrelationships of food, nutrition, weight and activity is studied, researched and evaluated on a personal basis. (Note: May not be taken for credit if credit was obtained for HEED 220).

PACT 110
Introduction of the Basics of Aquatics
3 Credits Weekly (0-3-0)
In this course, students acquire theoretical knowledge and personal skills used in the instruction of the basics of aquatics.
Prerequisites: The ability to swim 25 meters.

PACT 111
Introduction of the Basics of Basketball
3 Credits Weekly (0-3-0)
In this course students acquire theoretical knowledge and personal skills used in the instruction of the basics of basketball.

PACT 114
Introduction to Ice Hockey
3 Credits Weekly (1-2-0)
Acquisition of theoretical knowledge and personal skills used in the instruction of the basics of ice hockey. Note: Students must have average to above average skating ability. Students must provide their own skates, sticks, hockey gloves, helmets, elbow pads and shin pads.

PACT 118
Instruction of Soccer
3 Credits Weekly (0-3-0)
In this course students will acquire theoretical knowledge and personal skills used in the instruction of the basics of soccer.

PACT 131
Instruction of the Basics of Badminton
3 Credits Weekly (0-3-0)
Students acquire theoretical knowledge and personal skills used in the instruction of the basics of badminton. Students must supply their own racquets and shuttlecocks.

PACT 137
Instruction of the Basics of Volleyball
3 Credits Weekly (0-3-0)
Students acquire theoretical knowledge and personal skills used in the instruction of the basics of volleyball.

PACT 155
Instruction of Social Dance
3 Credits Weekly (0-3-0)
This course involves the acquisition of theoretical knowledge and personal skill used in the instruction of the basics of social dance. Emphasis is placed on the acquisition of the basic movement and style of each dance, step variations and sequences, and how to teach them.

PACT 156
Instruction of the Basics of Yoga
3 Credits Weekly (0-3-0)
In this course, students acquire theoretical knowledge and personal skills used in the instruction of the basics of yoga. Students are introduced to several different yoga forms with an emphasis on Hatha, Vinyasa and Astanga yoga.

PACT 196
Introduction to the Basics of Triathlon
3 Credits Weekly (0-3-0)
This course involves the acquisition of theoretical knowledge and personal skill used in the instruction of the basics of triathlon. This includes an introduction to swimming, cycling, and running.
Prerequisites: Ability to swim 25 meters.

PACT 199
Introduction to the Basics of Strength Training
3 Credits Weekly (0-3-0)
Students acquire the theoretical knowledge and personal skills used in the instruction of the theory and practical basis of strength training. Emphasis is placed on the student's ability to perform and teach common lifting techniques along with program design using free weight and resistance training apparatus.

PBNS – Post-Basic Nursing Studies

PBNS 401
Foundations of Perioperative Nursing Practice
2 Credits Weekly (2-0-0)
Theory and practice governing perioperative nursing as set out by the Canadian Nurses Association (CNA), the Canadian Council for Practical Nurse Regulators (CCPNR), and the Operating Room Nurses Association of Canada (ORNAC) provide the foundation for the examination of the fundamental concepts of perioperative nursing in this course. The various roles of the perioperative nurse and the surgical team are explored. Anatomy and terminology specific to the perioperative nursing is reviewed. The patient as a unique individual is examined in relation to the perioperative experience.

PBNS 402
Concepts of anesthesia within perioperative nursing
2 Credits Weekly (2-0-0)
Principles of safe practice when assisting with administration of anaesthesia and associated pharmacology are examined. Physiologic maintenance and monitoring are explored as well as management of perioperative complications.

PBNS 403
Perioperative nursing in the preoperative, intraoperative and postoperative environment
4 Credits Weekly (4-0-0)
Care of the patient in the preoperative, intraoperative, and postoperative phases of surgery are examined in detail. Topics include: preparing a safe surgical environment; surgical instrumentation and equipment; surgical asepsis and sterile techniques; preoperative, intraoperative, and postoperative patient care; the roles of the scrub and circulating nurse; and surgical site management.

PBNS 404
Fundamentals of Perioperative Techniques
2 Credits Weekly (0-4-0)
Within a simulated perioperative setting students integrate theoretical concepts and apply evidence-informed perioperative principles and techniques. Students practice skills related to the scrub and circulating nurse based on Operating Room Nurses Association of Canada (ORNAC) practice standards and the Practical Nurses Standards of practice and competencies for perioperative nursing care. Students incorporate concepts of leadership to effectively work in a complex inter-professional perioperative team.
Prerequisites: PBNS 401, PBNS 402, PBNS 403.

PBNS 405
Perioperative Clinical Preceptorship
8 Credits Total (12-0-380)
Under the supervision of a preceptor, the student provides direct patient care in the perioperative setting. Students are exposed to a variety of surgical experiences. Students are expected to scrub and circulate on a variety of surgical procedures within various specialties. The surgical specialties offered will be dependent on the placement location. Students gain experience and confidence to function independently providing safe and effective patient care. Concepts of nursing leadership within the operating theatre are integrated and applied within the clinical setting. The importance of evidence-based practice and use of research in the perioperative setting are emphasized.
Prerequisites: PBNS 404.

PBNS 465
Pathophysiology of Cardiac Disorders
3 Credits Total (45-0-0)
Students acquire specific knowledge related to the anatomy, physiology, and pathophysiology of cardiac disorders. Health promotion, disease prevention, epidemiology, etiology, risk factors, and sequelae are examined. Atherosclerosis, acute coronary syndrome, angina, heart failure, valve dysfunction, cardiomyopathies, vascular disease, and congenital abnormalities are examined as they apply to individuals, families, communities, and populations.

PBNS 466
Focused Assessment of Cardiac Function
3 Credits Total (45-0-0)
Students develop the skills necessary to assess the patient with cardiac disease. History and physical examination, along with laboratory assessment and diagnostics are examined in depth. Students apply theory to understand physical assessment and laboratory findings as related to the pathophysiology. Introductory rhythm analysis and 12-lead electrocardiography along with indications and appropriate nursing interventions for specific diagnostic procedures are examined. Specific diagnostic procedures such as chest x-ray, echocardiography (transesophageal and transthoracic), cardiac magnetic resonance imaging (MRI), cardiovascular computerized tomography (CT), electrophysiological studies/ablation angiography, ambulatory electrocardiography, exercise stress testing, coronary angiography are are discussed.

PBNS 467
Management of Cardiac Disorders
3 Credits Total (45-0-0)
The focus of the course is the patient journey from acute episodes to chronic conditions including rehabilitation and palliation. Students analyze medical, nursing and pharmacological management of the patient with cardiac disease. Principles of pharmacology related to common cardiac medications are applied through case studies. Communication and interprofessional collaboration that promote effective patient teaching and thus optimize care of the individual, families, and groups are emphasized. Case studies are utilized to discuss legal and ethical issues related to cardiac care.
Prerequisites: PBNS 465 and PBNS 466.

PBNS 468
Care of Cardiac Surgical Patient
4 Credits Total (60-0-0)
Students investigate cardiac surgical techniques such as coronary artery bypass grafting, valvular surgery, transplantation, and correction of congenital defects. Pre-operative assessment, intra-operative techniques, post-operative care and rehabilitation are examined. Patient teaching and legal/ethical aspects of cardiac care are applied through case scenarios. The student must be a registered nurse to participate in this course.
Prerequisites: PBNS 465 and PBNS 466.

PBNS 469
Advanced Management of Cardiac Disorders
4 Credits Total (60-0-0)
Students build upon the foundational knowledge of cardiac sciences to explore advanced nursing concepts related to rhythm analysis, 12-lead electrocardiography, and pacemaker techniques. Sensitivity to cultural diversity, religious beliefs and spirituality are discussed and integrated into the care of the cardiac population. Current trends in research are discussed. The student must be a registered nurse to participate in this course.
Prerequisites: PBNS 467.

PEDS – Physical Education & Sport

PEDS 100
Structural Anatomy
3 Credits Weekly (3-2-0)
Students are introduced to the study of human anatomy. Students learn structural and functional components of selected systems of the human body. Restriction: Physical Education students.

PEDS 101
Introduction to Human Physiology
3 Credits Total (45-4-0)
This course provides an introduction to human physiology from the cellular to systemic level with special emphasis on systems that adapt to exercise stress.
Prerequisites: Biology 30.

PEDS 102
Foundations of Human Movement
3 Credits Weekly (1.5-2-0)
Students are introduced to the study of human movement, movement principles and processes using a participatory and experiential approach. Locomotor and voluntary movement are explored through the multiple sub-disciplines of Kinesiology. The course informs the understanding of performance, instruction of motor tasks, and development of basic control, positioning, and successful execution of movement.

PEDS 103
Integrative Human Physiology
3 Credits Total (45-4-0)
This course focuses on the regulation, control and integration of cellular functions in the human body with special emphasis on systems that respond to exercise stress.
Prerequisites: Minimum grade of C- in PEDS 101.

PEDS 109
Statistics, Measurement, and Evaluation
3 Credits Weekly (3-0-0)
This course focuses largely upon the application of descriptive and inferential statistics in the context of quantitative and qualitative research. The course also introduces students to basic principles surrounding measurement error, test reliability, and validity. Note: Students cannot receive credit for PEDS 109 if they received credit for PEDS 309, PSYC 211, SOCI 210, STAT 141, or STAT 151.

PEDS 200
Physiology of Exercise
3 Credits Weekly (3-2-0)
An introduction to physiological adaptations to stress of exercise and training.
Prerequisites: Minimum grade of C- in PEDS 101.

PEDS 201
Applied Ethics in Physical Education and Sport
3 Credits Weekly (2-0-1)
This course provides students with a philosophical examination of ethical issues in the professional practice of physical education and sports studies.
Prerequisites: PERL 104.

PEDS 203
Skill Acquisition and Performance
3 Credits Weekly (3-0-0)
The course presents a psychological approach to understanding human motor behaviour. The course examines the processes involved in learning motor skills and controlling movement and the factors that influence acquisition and performance. Restricted to Physical Education Students.

PEDS 205
Introduction to Outdoor Environmental Education
3 Credits Weekly (2-2-0)
Students are introduced to outdoor environmental education, wilderness travel and outdoor leadership on a conceptual, theoretical and experiential basis. There is particular emphasis on the Alberta and Canadian context. This course requires weekend commitment.

PEDS 206
Biomechanics
3 Credits Weekly (3-1-0)
This course focuses on the methods to perform qualitative biomechanical analyses of human movement. These analyses involve the application of appropriate mechanical principles and the relationships between these principles. Note: Restricted to Physical Education students.
Prerequisites: A minimum grade of C- in PEDS 100 or PEDS 294.

PEDS 207
Physical Growth and Psychomotor Development
3 Credits Weekly (3-0-0)
This course focuses on the study of concepts and principles appropriate to physical growth and development and to skill acquisition during the lifespan. Attention is given to information that recognizes the sequential changes in physical growth and motor development with an emphasis on individual differences.

PEDS 209
Research Methods in Kinesiology
3 Credits Weekly (3-0-0)
Students acquire an overview of research procedures used in kinesiology with an emphasis on the practical application of research techniques and designs. Topics covered include research design, ethics in research, information retrieval, data collection methods, subject selection, sources of error, types of research, and presenting results. Note: Credit will be granted for only one of PEDS 209 or 409.
Prerequisites: PEDS 109 or 309 or STAT 141 or 151.

PEDS 240
Introduction to Sports Injury Management
3 Credits Weekly (3-1.5-0)
Analysis of practical and theoretical concepts of sports injury. Includes an overview of sports medicine, care and prevention of injuries, and safety in athletics and physical education. Restriction: Physical Education students.
Prerequisites: Minimum grade of C- in PEDS 100.

PEDS 245
Introduction to the Profession of Coaching
3 Credits Weekly (3-0-0)
This course examines the principles of coaching as they relate to the development of the athlete, the role of the coach, and the organization of sport in contemporary society. This course presents basic coaching theory that is applicable to a variety of sport settings with the focus on the practice and the season. Upon successful completion of the course, students will complete their Introduction to Competition and Part A & B Multi Sport Theory certification with the National Coaching Certification Program (NCCP). Additional fees for NCCP are required. (This fee is included as part of textbook costs and are administered through the MacEwan Bookstore.)

PEDS 246
Coaching Practicum I
3 Credits Total (0-0-100)
The purpose of this course is to provide the student with a practical coaching experience under the guidance of a head coach. It is intended to introduce the student to the demands of coaching. Students are required to coach for a complete season as an Assistant Coach in a program approved by the student's coaching mentor. Note: At least 100 hours of outside classroom time is required.
Prerequisites: Minimum grade of C- in PEDS 245.

PEDS 293
Introduction to the Movement Activities of Children
3 Credits Total (20-25-0)
A study of developmentally appropriate movement activities for children 5 -12 years of age. Students participate and work with children in a variety of physical activities in recreational, educational and sport environments.

PEDS 294
A Conceptual Approach to Physical Activity
3 Credits Weekly (0-0-3)
This course is a study of the fundamental movement concepts and principles that underlie the physical activities engaged in by youth of secondary school age. The focus of the course is on the development of a conceptual understanding of movement; therefore, a wide range of activities and their contexts are examined and experienced. Restriction: BPE and BEd (Physical Education majors/minors) only. (Note: credit will only be granted for one of PACT 101 or PEDS 294)

PEDS 391
Scientific Basis of Human Movement
3 Credits Weekly (3-0-0)
This is a lecture course with an emphasis on introductory knowledge and practical implications of the structural, functional characteristics and capabilities of the human body with respect to human movement.
Prerequisites: Biology 30.

PERL – Physical Education & Recreation & Leisure Sports

PERL 104
Introduction to Sociocultural Aspects of Leisure and Sport
3 Credits Weekly (3-0-0)
The study of play, physical education, recreation, sport and leisure as institutionalized ways in which society organizes and teaches attitude and skills. Provides an introduction to the importance of sociocultural inquiry and the notion of being critical as an empowering process. Restricted to Physical Education students.

PERL 105
Introduction to the Management of Sport, Physical Activity and Recreation Programs
3 Credits Weekly (3-1-0)
This course provides students with the basic skills required to successfully administer a sport and/or recreation program. Restricted to physical education students. Note: Credit can only be obtained in one of PERL 105 or PEDS 105.

PERL 204
Canadian History of Leisure, Sport and Health
3 Credits Weekly (3-0-0)
An examination of the significant changes that have occurred in leisure and sport, specifically over the last century and with particular reference to Canadian society.
Prerequisites: Minimum grade of C- in PERL 104 or consent of the department.

PERL 207
Adapted Physical Activity and Leisure for Diverse Populations
3 Credits Total (45-18-10)
Students are introduced to the theory and practice of physical education and recreation for people with disabling conditions or special needs. Students study selected disabilities and the implications of these disabilities for participation in sport, physical activity and leisure. Students are required to commit to a minimum of ten hours of service to a local program for persons with disabilities.
Prerequisites: Minimum grade of C- in PEDS 100.

PERL 300
Cross-Cultural Wellness
3 Credits Total (15-40-0)
This course examines concepts of wellness from a variety of cultural perspectives. An analysis of personal wellness priorities is followed by examination of the concepts and priorities of wellness found locally in diverse cultures. Throughout the course, students work on a community service learning project, observing wellness priorities and interacting with the local community. The course may include a cross cultural experience in a developing country.
Prerequisites: A minimum grade of C- in HEED 110 or PERL 104 or consent of the department.

PESS – Physical Education & Sport Studies

PESS 195
Spectrum of Dance in Society
3 Credits Weekly (1.5-4-0)
This course explores the theory and practice of dance as a human physical activity. Focus is on the aesthetic, expressive, and rhythmical dimensions of movement in a culture's artistic and social life. The course includes movement content, techniques, improvisation, composition and performance in a variety of dance forms including modern/creative, ballet social, jazz and folk dance. Students perform and critique dance steps.

PHIL – Philosophy

PHIL 100
Introduction to Philosophy: The Examined Life
3 Credits Weekly (3-0-0)
This course provides an introduction to philosophy through a study of canonical texts pertaining to the topic of the examined life. Course content may include the nature and scope of knowledge, the existence of the self and the concept of the person, the reality of the world that we live in, the good life and the life worth living, or theories of right action. With a particular emphasis on close and careful reading of classic and influential philosophical writings, all students study Plato's Apology as well as at least one other significant philosophical work in its entirety.

PHIL 103
Asian Philosophies
3 Credits Weekly (3-0-0)
This course provides an introduction to and survey of Eastern and Asian Philosophies. The course investigates philosophical traditions, including important schools and figures, from the histories of India, China and Japan. This includes a consideration of the Hindu or Brahmanical philosophies of the Vedas and Upanishads, Buddhism (including Indian, Chinese and Japanese developments), Confucianism, and Taoism. Topics include the nature of reality, the nature of suffering and desire, the nature of a good life and good government, enlightenment, moral virtues, sageliness, views of Nature, and Eastern conceptions of the self.

PHIL 125
Analytical Reasoning
3 Credits Weekly (3-0-0)
In this course, students use elementary methods and principles for analyzing reasoning as it occurs in everyday contexts. Topics may include informal fallacies, introduction to scientific method, elementary statistical reasoning, elementary sentential logic, as well as the study of argument in contemporary debates about issues of social concern. Note:This Arts course can also be used to satisfy the general science credit requirement of the Bachelor of Science.

PHIL 200
Metaphysics
3 Credits Weekly (3-0-0)
Metaphysics is the area of philosophy that raises and responds to fundamental questions concerning the nature and structure of reality. In this course, students develop an understanding of metaphysical questions and their significance, as well as critically examine the ways philosophers address these questions and the metaphysical issues associated with them. Topics of study may include appearance and reality, the mind-body problem, metaphysical idealism and realism, freedom and determinism, personal identity, time and space, and universals and particulars.

PHIL 201
Buddhist Philosophy
3 Credits Weekly (3-0-0)
This course carries out a sustained philosophical investigation of Buddhist philosophy. This investigation considers the historical development of Buddhist philosophical thought, focusing on its origin, development, and expansion in India. The course considers, with the aim of coming to a philosophical understanding, issues such as Buddhist conceptions of suffering, desire, enlightenment, reality, self, mind, meditation and the ethics of compassion.

PHIL 202
Philosophies of China and Japan
3 Credits Weekly (3-0-0)
Students study the philosophies of China and Japan, focusing on Confucianism, Taoism, and Chinese and Japanese Buddhism. This involves, primarily, a consideration of historical movements, figures and schools, although some contemporary figures may also be included. The discussion of Confucianism centers on Confucian Social and Moral Philosophy and issues such as the nature of a good life and good government, sageliness, and Confucian moral virtues. The discussion of Taoism centers on Taoist Metaphysics and issues such as the nature and meaning of the Tao, the principle of wu-wei or no action, and the Taoist understanding of a life lived in accordance with Nature. The discussion of Chinese and Japanese Buddhism focuses on Ch'an or Zen Buddhism (these are, respectively, Chinese and Japanese analogues), but Hua Yen or Kegon Buddhism, and Tien Tai or Nichiren Buddhism may be considered. Issues here center on the Buddhist Philosophy of Mind, and include the nature of enlightenment, self, and rationality.

PHIL 203
Philosophy of Religion
3 Credits Weekly (3-0-0)
This course surveys important themes in the philosophy of religion – such as the nature of religious belief, religious truth, religious experience, and religious life – through a close reading of significant texts from key figures in the history of philosophy of religion. Specific issues may include conceptions of God, suffering, sin, faith and reason, religious uses of language, and mystical experience. Students can only receive credit for one of PHIL 203 and PHIL 357.

PHIL 204
Philosophical Writing and Analysis
3 Credits Weekly (0-0-3)
This writing-focused seminar introduces students to the forms and methods of philosophy through the close reading and study of a selection of philosophical works. Particular emphasis is put on the analysis and composition of philosophical ideas, and students are expected to participate in discussion and writing activities as well as submit a final writing portfolio in place of a final exam. Course readings deal with a variety of styles in philosophical writing, which may include treatise, essay, dialogue, aphorism, confession, correspondence, literature, or film. *Prerequisite: A minimum grade of C- in any 3-credit* PHIL *(*p. 806*) or* HUMN *(*p. 757*) course.*

PHIL 205
Philosophy of Mind
3 Credits Weekly (3-0-0)
This course surveys major themes in the philosophy of mind throughout the history of philosophy. These themes may include but are not limited to the relationship between mind and body, the immortality of the soul, the nature and reality of the self, and the nature of the human mind as revealed by the nature of human knowledge.

PHIL 210
Symbolic Logic
3 Credits Weekly (3-0-0)
This course is an introduction to modern symbolic logic, including the basic concepts of justification, argument, deduction, validity and soundness; translation of ordinary language into symbolic form; using sentential and predicate designators, carrying out truth functional analyses for validity and invalidity, testing sets for consistency, using rules of inference and equivalence to prove validity of arguments, and using methods of conditional and indirect proof in sentential and quantified forms. Note: Credit can only be obtained in one of PHIL 210 or PHIL 120. Note:This Arts course can also be used to satisfy the general science credit requirement of the Bachelor of Science.

PHIL 215
Epistemology
3 Credits Weekly (3-0-0)
Epistemology is the area of philosophy that raises and responds to fundamental questions concerning the nature of knowledge. In this course, students closely read at least one classic text in the history of philosophy, and study central topics in the theory of knowledge. These may include the nature of truth, skepticism and the limits of knowledge, the necessary and sufficient conditions of knowledge versus belief, self-knowledge, perception, rationalism and empiricism, and the philosophical pursuit of knowledge.

PHIL 230
Ancient Western Philosophy
3 Credits Weekly (3-0-0)
This course provides a survey of ancient philosophy from the Presocratics to the Neoplatonists. Particular emphasis is placed on the works of Plato and Aristotle.

PHIL 232
Islamic Philosophy
3 Credits Weekly (3-0-0)
This course carries out a sustained investigation of Islamic philosophy. This investigation considers the historical development of Islamic philosophical thought, beginning with the translation movement of the 9th century. This involves consideration of historical movements, figures and schools, particularly those of the Classical Period (approx. 9th -12th Century C.E.), although some contemporary figures may also be included. This course will focus primarily on Islamic philosophy as distinct from Islamic theology, although debates and points of conflict between the two may be considered. Topics covered may include the existence and nature of God, the relationship between the human soul and body and the eternity of the world.

PHIL 235
Medieval Philosophy
3 Credits Weekly (3-0-0)
This course provides a survey of Medieval philosophy from the 4th to the 14th Century C.E. Special attention will be paid to issues that were of philosophical interest to Christian, Jewish, and Muslim medieval philosophers, such as St. Augustine, Moses Maimonides, Ibn Sina, Al-Ghazali, and St. Thomas Aquinas.

PHIL 240
Early Modern Philosophy
3 Credits Weekly (3-0-0)
This course provides an examination of the philosophies of various thinkers of the early modern period. This period, which spans Western philosophy from the 16th- to 18th-century, includes the immensely influential philosophical systems of Descartes, Hume, and Kant. A selection of texts by some or all of those philosophers appears in this course. Other possible texts of study may include writings by Locke, Leibniz, or lesser-known figures, such as Princess Elisabeth of Bohemia or Anne Conway. The topics covered reflect the great intellectual curiosity and ambitions of the time. Particular emphasis is placed on theories of knowledge and reality.

PHIL 247
Continental Philosophy
3 Credits Weekly (3-0-0)
This course provides an introduction to twentieth century continental European philosophy through close reading of some of the century's major philosophers, such as Husserl, Heidegger, Levinas, Derrida, Foucault, and Badiou. Specific topics may include phenomenology, hermeneutics, deconstruction, post-structuralism, and materialist dialectics.

PHIL 248
American Philosophies
3 Credits Weekly (3-0-0)
This course provides an examination of the philosophies and philosophers emerging out of the Americas from the 19th century to the present. Figures may include Emerson, Thoreau, Peirce, James, Du Bois, Addams, Dewey, Locke, Rorty, Dussel, Anzaldua, and Deloria. Topics to be covered may include American Transcendentalism, Pragmatism, African-American philosophy, Latin-American philosophy, Indigenous philosophy, and neo-Pragmatism.

PHIL 250
Ethics
3 Credits Weekly (3-0-0)
This course involves an examination of fundamental questions and theoretical answers in the philosophical discipline of ethics. Through a detailed study of important and influential texts in the philosophy of ethics, students develop the ability to understand and critically assess various philosophical systems of thought concerning moral judgements and ethical obligations.

PHIL 265
Philosophy of Science
3 Credits Weekly (3-0-0)
This course surveys major themes in the philosophy of science throughout the history of philosophy. These themes may include but are not limited to causation and explanation, the scientific method, the relationship between faith and science, and the problem of induction. The course also considers how these major themes illuminate and are illuminated by the history of science itself.

PHIL 270
Social and Political Philosophy
3 Credits Weekly (3-0-0)
This course provides an introduction to social and political philosophy. The course poses the following questions: what is the nature of politics; what is the state; what is civil society; what (if any) are citizens' political obligations and rights? Readings are drawn from canonic philosophers such as Plato, Aristotle, Aquinas, Machiavelli, Hobbes, Spinoza, Rousseau, Hegel and Marx.

PHIL 280
Aesthetics
3 Credits Weekly (3-0-0)
Aesthetics is the branch of philosophy that studies art, beauty and taste. This course introduces aesthetics through the study of theories of art, aesthetic experience, aesthetic judgement and the role of art in society. Students read classical and contemporary writings in aesthetics and apply them to concrete examples of various media, including visual art, music and literature.

PHIL 291
Existentialism
3 Credits Weekly (3-0-0)
This course is an introduction to existential philosophy. Through close reading of texts, students study some of the main themes of existential philosophy, such as anxiety, authenticity, bad faith, absurdity, the meaning of human life, and the self as finite and situated self-making. Particular attention is paid to the existential conception of philosophy as a truthful explication of concrete experience rather than the theoretical pursuit of abstract truth. Readings are drawn from the works of major figures in 19th and 20th century existential philosophy, such as Kierkegaard, Nietzsche, Sartre, Camus and Marcel.

PHIL 301
Comparative Philosophy
3 Credits Weekly (3-0-0)
In this topic based course, students study one or more non-Western, particularly Asian, philosophical tradition in comparison with approaches taken in the Western philosophical tradition. Issues for comparison between non-Western and Western philosophies may include methods and aims; the relation between religion and philosophy; views on the nature of reality, truth, the self, morality, justice, suffering, desire, and/or reason.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 303
Studies in Philosophy and Religion
3 Credits Weekly (3-0-0)
This topics based course focusses on the intersections of philosophy and religion. Topics may concern the religious philosophies expressed in key works of specific figures (e.g., Plato, Kierkegaard, Joseph Pieper, Simone Weil); a study of philosophical religious literature (e.g., Book of Job, Upanishads); or the philosophical investigation of specific religious themes (e.g., the human in relation to the divine, the relation of reason and faith, conceptions of the soul). The specific topic is chosen by the Instructor. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*).*

PHIL 305
Studies in the Self
3 Credits Weekly (3-0-0)
In this course, students study the nature of the Self, drawing on one or more philosophical perspectives. The topic(s) of any particular section may vary. Possible topics include personal identity, the reality of the self, the soul, subjectivity, knowledge of self and others, and freedom and the will. Each section of this course requires that students produce a research essay that incorporates scholarly sources other than the course readings. This course may be taken up to three times, provided the course topic is different.
Prerequisites: Minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 330
Plato
3 Credits Weekly (3-0-0)
With a view to both theoretical and moral issues, this course engages in a focused study of Plato and his philosophy. Students will engage in close readings of some of Plato's writings and will evaluate secondary literature on Plato. Some consideration may also be given to Academic Platonism and neo-Platonism.
Prerequisites: Minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 331
Philosophy of Love
3 Credits Weekly (3-0-0)
This course engages in a philosophical investigation of love. Through a study of classic works of philosophy, students examine the experience of love, the meaning of love, the value of love, and philosophy's relationship to love. Special attention will be paid to Plato's theory of love as it is expressed in the Symposium.
Prerequisites: Minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 333
Philosophy of Sex and Sexuality
3 Credits Weekly (3-0-0)
This course examines the philosophy of sex and sexuality. This course may examine classic or contemporary works, while providing a close reading of at least 3 primary texts in the area. Topics may include gender and oppression, sexual difference, the metaphysics of desire, the legitimacy of consent, the politics of sexual relations/interactions, sexuality and embodiment, the morality of seduction, genealogy and sexuality, and the character of heteronormativity and 'perversion'.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 337
Studies in Christian, Islamic, and Jewish Philosophy
3 Credits Weekly (3-0-0)
This topics-based course focuses on the intersections of philosophy and one or more of the Abrahamic Faiths (Christianity, Judaism, and Islam). Topics may fall under either the philosophical theology or the philosophy, religious or otherwise, of a thinker from any of these traditions. The specific topic is chosen by the Instructor. Topics may include Josef Pieper's understanding of the Christian theological virtues, Al-Ghazali's occasionalism, or Moses Maimonides's proof for the existence of God. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*).*

PHIL 341
Studies in Early Modern Philosophy
3 Credits Weekly (3-0-0)
In this course on early modern philosophy, students will study particular developments and discussions of philosophical ideas through close study of writings by early modern philosophers such as Berkeley, Conway, Descartes, Princess Elisabeth, Leibniz, Locke, Malebranche, and Spinoza. These philosophers wrote on a range of topics from the reality of bodies to the physiology of human bodies, the freedom of God to the necessity of certain truths, the existence of evil to the happiness of the soul, and much more, and they did so in a variety of formats, including dialogue, meditation, notebook, essay, and correspondence. Students in this course will engage with a selection of topics and texts from this period as well as with contemporary scholarly articles about them. The specific readings will vary depending on the particular focus of each offering of the course.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 355
Studies in the Philosophy of Nature
3 Credits Weekly (3-0-0)
In this course, students philosophically examine a specific topic relating to Nature. Topics may include: concepts of Nature; conceptions of what it is to live in accordance with Nature; approaches to Nature in religion; naturalistic approaches in philosophy; natural law; philosophical theories of human nature; environmental ethics; and aesthetics of the environment. The specific topic is chosen by the Instructor. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in 3 credits in 200-level PHIL *(*p. 806*) courses.*

PHIL 360
Death and Dying
3 Credits Weekly (3-0-0)
This course offers a philosophical examination of the nature and significance of death. This includes detailed analysis and critical discussion of such topics as: what death is, emotional attitudes toward death, the badness of death, the value of life, immortality, personal identity, and suicide.
Prerequisites: A minimum grade of C- in any 200-level PHIL *(*p. 806*) course.*

PHIL 365
Studies in the Philosophy of Science
3 Credits Weekly (3-0-0)
In this course, students study a topic(s) in the philosophy of science. The specific topic(s) is chosen by the instructor. Possible topics include realism vs antirealism about scientific theories, the scientific method, feminist critiques of science, scientific reduction and the relationship between physics and the special sciences, and topics in the philosophy of physics or the special sciences, such as different interpretations of quantum mechanics or the modern synthesis in evolutionary biology. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 370
Studies in Political Philosophy
3 Credits Weekly (3-0-0)
In this course, students study a topic in political philosophy. The topic for any particular section varies. Possible topics include: liberalism, Plato, Aristotle, and St. Thomas Aquinas. Each section of this course requires that students produce a research essay that incorporates sources other than the course readings.
Prerequisites: A minimum grade of C- in 3 credits in 200-level PHIL *(*p. 806*) courses.*

PHIL 381
Philosophy as Literature
3 Credits Weekly (3-0-0)
In this course, students study works of philosophy as pieces of literature. Serving as a practical introduction to an hermeneutical approach to philosophy and to philosophical scholarship, students consider how literary features, which might otherwise appear to be extraneous to philosophical content, affect the philosophical meaning of texts. Each section of this course requires that students produce a research essay that incorporates scholarly sources other than the course readings.
Prerequisites: Minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 383
Philosophy of Film
3 Credits Weekly (3-0-0)
This course offers a philosophical examination of film. Conceiving of film as a form or expression of thought, the class will engage films philosophically, reading them as one would a philosophical text. In this class we will think through, along with, and/or against films, to make sense of them, to learn from them, and to further expand the practice, study and teaching of philosophy into new regions through an engagement with film.
Prerequisites: A minimum grade of C- in 3 credits of 200-level PHIL *(*p. 806*) courses.*

PHIL 386
Philosophy and Health Care
3 Credits Weekly (3-0-0)
This course is an introduction to central issues in bioethics with a specific emphasis on practice of health care. Though students may briefly examine classical moral theories and principles, the bulk of the course examines contemporary discussions and issues in bioethics. The emphasis of the course is on ethical reasoning and moral deliberation involving issues in health care. Topics may include patient autonomy and confidentiality, advanced directives, allocation of medical resources, health care advocacy, integrity, and issues pertaining to disability and end-of-life care. Students may also be introduced to major ethical theories and moral principles. Readings may include case studies, legal cases, scholarly articles and classical sources.

PHIL 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHIL 401
Senior Seminar
3 Credits Weekly (0-0-3)
In this seminar course, students study the nature, methods, and aims of philosophy, make seminar presentations, and write a major research essay. This course is open only to Philosophy majors. Note: Students are advised to enrol in this course in the final winter term of their studies.
Prerequisites: Successful completion of 30 credits of senior PHIL *(*p. 806*) courses.*

PHIL 402
Topics in the History of Philosophy
3 Credits Weekly (0-0-3)
This seminar course deals with a major figure, issue, or specific period in the history of philosophy. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic of any given section of this course is selected by the instructor. This course may be taken up to three times, provided the course topic is different.
Prerequisites: A minimum grade of C- in 9 credits of 200- or 300-level PHIL *(*p. 806*), with at least 3 of those credits at the 300-level.*

PHIL 403
Topics in Moral Philosophy
3 Credits Weekly (0-0-3)
In this seminar course, students study a topic in moral philosophy broadly construed. The specific topic of each section focuses on a significant philosopher, theme, or problem in ethical theory, applied ethics, meta-ethics, political philosophy, or social philosophy. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given semester is selected by the instructor. This course may be taken up to three times, provided the course topic is different.
Prerequisites: A minimum grade of C- in 9 credits of 200- or 300-level PHIL *(*p. 806*), with a least 3 of those credits at the 300-level.*

PHIL 404
Topics in Asian Philosophy
3 Credits Weekly (0-0-3)
Students study a topic in depth within Asian Philosophy. The specific topic focuses on a significant philosopher or philosophers, text, school, theme or issue within one or more of the traditions of Asian Philosophy, including Buddhism, Jainism, Hinduism, Confucianism, and Taoism. There is a major essay requirement and, in addition to regular seminar participation, students make presentations. The topic in any given year is selected by the instructor. This course may be taken up to three times, provided the course topic is different.
Prerequisites: A minimum grade of C- in 9 credits of 200- or 300-level PHIL *(*p. 806*), with a least 3 of those credits at the 300-level.*

PHIL 405
Topics in Contemporary Philosophy
3 Credits Weekly (0-0-3)
Prerequisites: A minimum grade of C- in 9 credits of 200- or 300-level PHIL *(*p. 806*), with a least 3 of those credits at the 300-level.*

PHIL 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHSC – Physical Sciences

PHSC 200
Physical Science Field Skills
3 Credits Total (18-80-0)
This course is an introduction to field work in the areas of physics, chemistry and Earth and planetary science, which together constitute the Physical Sciences. It involves classroom field preparation in Edmonton, work in the field on the Big Island in the Hawaiian Island chain, and sample analysis and working up the data back in Edmonton. The course concludes with the submission of a final written report. The skills that the participants acquire in this course include mapping of geological features, reproducible sampling procedures, field note taking, strike and dip measurements, the use of star charts and sextants to locate constellations and stars, measurements and observations with a telescope and the analysis of water and air samples.
Prerequisites: Consent of the Department.

PHSD – Physical Education

PHSD 391
The Human Organism
3 Credits Weekly (3-0-0)
This course is an introduction to human biology that analyzes the structure and function of systems in our bodies. This course leads to an appreciation of how the human body maintains itself in the face of external and internal challenges. A course for non-majors that will develop their understanding of the foundations of human health and disease. Note: This course is only available to Disability Studies Program students. Credit can only be obtained in one of PEDS 391 or PHSD 391.
Prerequisites: Biology 30.

PHYS – Physics

PHYS 020
Physics 20
5 Credits Weekly (6-0-0)
Physics 20 is equivalent to Alberta Education's Physics 20. Topics studied include displacement, velocity, acceleration, gravitational and frictional forces, circular motion, oscillatory motion, waves, work, and the Law of Conservation of Energy.
Prerequisites: SCIE 010 or equivalent and MATH 010C or equivalent.
Co-requisites: MATH 020-1 or MATH 020-2 or equivalent.

PHYS 030
Physics 30
5 Credits Weekly (6-0-0)
Physics 30 is equivalent to Alberta Education's Physics 30. Topics studied include the Law of Conservation of Momentum, electrical and magnetic forces and fields, simple AC and DC circuits, wave and particle behavior of light, and atomic structure.
Prerequisites: PHYS 020 or equivalent AND (MATH 020-1 or MATH 020-2 or equivalent).
Co-requisites: MATH 030-1 or MATH 030-2 or equivalent.

PHYS 124
Physics for Life Sciences I
3 Credits Weekly (3-3-0)
This is an algebra based physics course on motion of matter intended for students in life and medical sciences. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies and simple harmonic motion. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine. NOTE: Physics 30 is strongly recommended. Credit can only be obtained in one of PHYS 108, PHYS 124, PHYS 144, or ENPH 131.
Prerequisites: Mathematics 30-1 and Physics 20.

PHYS 126
Physics for Life Sciences II
3 Credits Weekly (3-3-0)
This course is an algebra-based physics course on electromagnetism intended for students in life and medical sciences. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction and alternating current circuits. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations relevant to biology and medicine. NOTE: Credit can only be obtained in one of PHYS 109, PHYS 126, or PHYS 146.
Prerequisites: A minimum grade of C- in PHYS 124.

PHYS 130
Wave Motion, Optics and Sound
3.8 Credits Total (45-18-0)
This is a calculus based course intended for engineering students. Topics include spherical mirrors, thin lenses, simple harmonic motion, wave motion, interference, sound waves, light waves and diffraction. Note: Restricted to Engineering students.
Prerequisites: Mathematics 30-1, Mathematics 31 and Physics 30.

PHYS 144
Mechanics
3 Credits Weekly (3-3-0)
This is a calculus based physics course intended for students in the physical sciences or for students who completed physics in high school. Topics include kinematics, Newtonian mechanics, conservation of momentum and energy, rotational motion, statics and dynamics of extended bodies and simple harmonic motion. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations. NOTE: Credit can only be obtained in one of PHYS 124, PHYS 144, or ENPH 131.
Prerequisites: Mathematics 31, Mathematics 30-1, and Physics 30.

PHYS 146
Electromagnetism
3 Credits Weekly (3-3-0)
This is a calculus-based physics course on electromagnetism intended for students in physical sciences or for students who completed physics in high school. Topics include electrostatics, direct current circuits, magnetic fields, electromagnetic induction and alternating current circuits. Students are introduced to aspects of modern physics. During the course students develop a conceptual understanding of physical principles, develop reasoning and problem-solving skills, and relate these physical principles to real-world situations. NOTE: Credit can only be obtained in one of PHYS 126 or PHYS 146.
Prerequisites: A minimum grade of C- in PHYS 144.

PHYS 200
Introduction to Relativity
3 Credits Weekly (3-0-0)
If you're curious about what Einstein's famous equation E=mc^2 actually means, or how you could end up twenty years older than your twin, then this is the course for you! We'll learn how Einstein's special theory of relativity addresses the limitations of classical physics, including time dilation and length contraction in fast-moving reference frames, the twin paradox, the Doppler effect, and conservation of relativistic momentum and energy. We'll finish off by discussing curved spacetime and black holes as a brief introduction to the general theory of relativity. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in one of PHYS 126 or PHYS 146, and one of MATH 114, MATH 120, or MATH 125.

PHYS 208
Quantum Aspects of Physics
3 Credits Total (45-18-0)
Quantum mechanics gives us some of the strangest phenomena in physics, but its principles are actually behind the technology we use every day (think computers, lasers, and LED lights). In this course, we'll examine the experimental evidence that led to the development of quantum mechanics, including the photoelectric effect, blackbody radiation and electron diffraction. We'll then introduce the Heisenberg uncertainty principle and the Schrödinger equation to describe simple harmonic oscillators, quantum tunneling, atomic spectra, and the hydrogen atom. The course's laboratory component puts us in the role of early 20th century physicists gathering evidence to demystify the strangeness of these phenomena!
Prerequisites: Minimum grades of C- in MATH 114 and one of PHYS 126 or PHYS 146.

PHYS 224
Fluids and Heat
3 Credits Total (45-18-0)
Why can we see our breath when we exhale outside on a cold winter day? In this course, we'll learn about the properties of fluids and the thermal properties of matter. We'll cover topics including buoyancy and hydrostatic pressure, temperature, thermal expansion, heat and energy transfer, the kinetic theory of gases, and the ideal gas law. The course's laboratory component lets us warm up to these topics further as we investigate the behaviour of fluids and the thermal properties of solids, liquids, and gases. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in one of PHYS 126 or PHYS 146 and in one of MATH 114, MATH 120, or MATH 125.

PHYS 226
Optics and Sound Waves
3 Credits Total (45-18-0)
Ever wonder why putting on a pair of glasses can bring the world into focus? Interested in learning how flutes and other wind instruments work? In this course, we'll learn how wave mechanics governs these behaviours. We'll study mechanical and sound waves, simple harmonic motion, and geometric optics, including applications like microscopes, telescopes, Doppler radar, spectrometers, holograms, seismic waves, and molecular vibrations. The course's laboratory component will let us see and hear how waves behave as they propagate and interact with their environment. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in PHYS 126 or PHYS 146, and in one of MATH 114, MATH 120, or MATH 125.

PHYS 242
Physics of Planetary Exploration
3 Credits Weekly (3-0-0)
What would it take to travel to Mars? In this course, we'll study the physical principles that govern the design of interplanetary missions within the solar system, using Newton's universal law of gravity and Kepler's laws of planetary motion to understand transfer orbits between planets and to their satellites (natural and human-made!). We'll also discuss past, present, and future space missions, and the operating principles of spacecraft instrumentation and sensors. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.

PHYS 244
Mechanics
3 Credits Weekly (3-0-0)
This course expands on first-year mechanics, examining oscillating systems, normal modes, conservative forces, and energy. Lagrangian and Hamiltonian dynamics are introduced, including variational calculus, Hamilton's Principle, generalized coordinates, constraints, Lagrange multipliers, the Hamiltonian, conservation laws, and Hamiltonian dynamics. Further topics include central forces, orbital motion, and scattering. Note: It is recommended that MATH 115 be taken concurrently with, or prior to taking this course.
Prerequisites: Minimum grades of C- in one of PHYS 126 or PHYS 146, and MATH 114, and MATH 120 or MATH 125.

PHYS 250
Introduction to Biophysics
3 Credits Weekly (3-0-0)
Why can't chickens fly? How does a 3-metre long strand of DNA fit into a 100-micrometre wide cell? In this course, students apply physical principles learned in first-year physics to study life, from the atomic level to cellular and organism scales. Topics include biomechanics with an introduction to kinesiology, transport of energy and materials in biological systems with an introduction to diffusion and motion in dissipative media, bio-fluid with an introduction to the cardiovascular system, the elastic properties of biological material and biopolymers like DNA, and the electric properties of biomaterial with an introduction to the nervous systems. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in one of PHYS 126, PHYS 146, or CHEM 102, and one of MATH 114, MATH 120, or MATH 125; BIOL 107 is recommended.

PHYS 252
Physics of the Earth
3 Credits Weekly (3-0-0)
What can we learn about our planet from an earthquake, a meteorite impact, or an explosion? How can we use the basic concepts of physics to explain complicated planetary processes that shape the earth? In this course, we'll learn how to apply basic mechanics, electricity and magnetism, waves, and/or thermodynamics principles to the physical processes that guide more complex studies in geophysics, geomagnetism, atmospheric physics, and oceanography. Note: Students considering future enrolment in 300-level or higher PHYS (p. 810) courses are strongly encouraged to take MATH 114 (or both MATH 114 and one of MATH 120 or MATH 125) to satisfy the mathematics requirement.
Prerequisites: A minimum grade of C- in PHYS 126 or PHYS 146, and in EASC 101, and one of MATH 114, MATH 120, or MATH 125.

PHYS 261
Physics of Energy
3 Credits Weekly (3-0-0)
This course first identifies the various forms of energy consumed by modern society. The conversion of energy is traced from natural resources to usable forms considering both the fundamental laws of thermodynamics and the practical concerns of cost and environmental consequences. Next, the benefits and drawbacks of non-renewable energy sources such as fossil fuels and nuclear power are discussed and compared to renewable sources such as hydroelectric and solar power. Finally, the development of alternative energy resources is discussed.
Prerequisites: Minimum grade of C- in one of PHYS 109, PHYS 126 or PHYS 146.

PHYS 301
Nuclear Physics
3 Credits Weekly (3-0-0)
This course is a study of the fundamental nuclear properties, the shell model, the collective model, stability of nuclei, isotopes, radioactive decay, nuclear reactions, kinematics, conservation laws, nuclear fission and fusion, nuclear reactors, particle accelerators, detectors, a brief introduction to particle physics and the Standard Model. The course also includes applications such as carbon dating, tracer techniques, cancer therapy and connections to astrophysics.
Prerequisites: Minimum grade of C- in PHYS 208 and MATH 115.

PHYS 302
An Introduction to Particle Physics
3 Credits Weekly (3-0-0)
What is the Universe made of at its smallest scale? From the humble electron to the massive Higgs boson, we follow the progress of the Standard Model as it classifies the myriad subatomic particles by their interactions and symmetries. Students apply the techniques of quantum mechanics and Feynman diagrams to calculate the properties of matter.
Prerequisites: A minimum grade of C- in PHYS 200, PHYS 208, and MATH 115.

PHYS 308
An Introduction to Semiconductors and Superconductors
3 Credits Weekly (3-0-0)
This course builds on PHYS 208 to provide students with a detailed understanding of the behaviour of condensed matter arising from the quantum nature of many particle systems at the microscopic level. Starting with probability distribution functions for classical thermodynamic systems, the theory is extended to quantum mechanical systems leading to a description of lasers. These tools allow the construction of models that explain the features of inter-atomic bonds, molecular spectra and the emergent properties of solids such as electrical conductivity, semiconductivity and superconductivity.
Prerequisites: Minimum grades of C- in PHYS 208 and MATH 115.

PHYS 320
Origin of the Elements
3 Credits Weekly (3-0-0)
Biology, chemistry, and earth sciences all study processes involving chemical reactions. But where do we get the elements in atoms, molecules, and compounds? This course studies the origin and evolution of the matter in the universe. Based on the current theories, the universe started with the Big Bang, created lighter elements such as hydrogen, helium, and lithium at early stages. The transmutation of these elements into heavier forms is then traced by examining the gravitational collapse of interstellar clouds that leads to stellar formation. The endpoint of this sequence, namely the production of new elements (nucleosynthesis) at the cores of stars and as a result of supernova events is discussed. During the course we also examine the suitable environments where the interaction of atomic material leads to the formation of complex compounds, molecules, and even the fundamental building blocks of life. Note: ASTR 122 is recommended.
Prerequisites: Minimum grade of C- in any one of PHYS 208, 224, 244, and in MATH 115 and CHEM 102.

PHYS 324
Origins of Planetary Systems
3 Credits Weekly (3-0-0)
Are we alone in the universe? If not, how would we know? This course focuses on discovery methods for extrasolar planets, how the Earth and the other planetary bodies in our solar system were formed, and compares the planets in our solar system with those planets found around other stars in the Milky Way galaxy. During this course, three compelling questions will be addressed: "How common are Earth-like planets, are other planetary systems similar to ours, and what types of extrasolar planets would be suitable for life ?"
Prerequisites: A minimum grade of C- in PHYS 224 or PHYS 244, or in both EASC 206 and MATH 114.

PHYS 330
Statistical Mechanics and Thermodynamics
3 Credits Weekly (3-0-0)
This course develops the laws of thermodynamics from a statistical perspective. Assuming a simple model for small-scale interactions between individual particles, the statistical representation of systems with a large number of such particles is constructed using simple probability theory. The rules governing how such systems evolve with time are discussed in terms of how they lead to the laws of thermodynamics. Additional applications of these tools is also discussed. Note: completion of PHYS 244 is recommended before taking this course.
Prerequisites: A minimum grade of C- in MATH 115, PHYS 208, and PHYS 224.

PHYS 332
Computational Physics
3 Credits Weekly (3-3-0)
This course introduces students to computational techniques used in physics. Topics include basic computational principles, differentiation and integration, ordinary and partial differential equations, matrix manipulation, variational techniques and stochastic methods, with application to physical systems in mechanics, heat and thermodynamics, waves, electromagnetism, quantum mechanics, condensed matter, geophysics, and biophysics.
Prerequisites: Minimum grades of C- in MATH 115 and any two of PHYS 208, PHYS 224, PHYS 226, PHYS 244, PHYS 250, or PHYS 252.

PHYS 372
Quantum Mechanics
3 Credits Weekly (3-0-0)
How do the foundational ideas of quantum mechanics blossom into the formal equations that physicists use to describe atomic systems? This course begins with the wave function and its physical interpretation. The Schrödinger equation is solved for free particles and one-dimensional potentials. Once the model becomes highly developed, solutions are extended to three-dimensional systems with orbital angular momentum. Practical applications of quantum mechanics are discussed. Course changed from PHYS 472.
Prerequisites: Minimum grades of C- in MATH 115 and one of PHYS 208, PHYS 224, or PHYS 244.

PHYS 390
Advanced Physics Laboratory
3 Credits Weekly (0-4-0)
This laboratory course introduces students to advanced experiments and analytical methods in physics. Methods of experimental design, experimental techniques, and error analysis are discussed. Students apply these methods to experiments selected from classical and modern physics.
Prerequisites: Minimum grades of C- in PHYS 208 and in one of PHYS 200, PHYS 224, PHYS 226, PHYS 244, PHYS 250, or PHYS 252.

PHYS 398
Independent Study
3 Credits Total (0-0-72)
This course permits an intermediate-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

PHYS 495
Special Topics in Physics and Astrophysics
3 Credits Weekly (3-0-0)
In this course, students examine one or two topics of specialization in physics and/or astrophysics in-depth. Topics can vary with the interests of students and the instructor. Consultation with the department is required prior to registration.
Prerequisites: Consent of the department.

PHYS 498
Advanced Independent Study
3 Credits Total (0-0-72)
This course permits a senior-level student to work with a faculty member to explore a specific topic in depth through research or through directed reading in primary and secondary sources. The student plans, executes and reports the results of their research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit. Consent of Department required.

PMGT – Property Management

PMGT 301
Introduction to Property Management
3 Credits Weekly (3-0-0)
Students are introduced the field of property management and will learn the scope and responsibilities of commercial and residential property managers. The course will discuss the different classifications of properties and ownership structures. Students review a brief history of property management and are introduced to the structure of managing a property management company as well as the agency role the manager plays with property owners.
Prerequisites: (MGTS 113 or MATH 114) AND (MGTS 103 or ACCT 215) AND (BUSN 201 or MGMT 121) AND (ACCT 311 or ACCT 101 and ACCT 322).

PMGT 302
Client Relations for Property Management
3 Credits Weekly (3-0-0)
In this course, students gain an understanding of client relations in the business of property management through exploration of current complex social, technological, or legal issues business and society have to deal with. In addition, they explore potential responses firms and other institutions may have to address these issues. Students integrate and apply concepts philosophies, and methods learned throughout the program to understand, analyze and render appropriate strategic and ethical judgments concerning the general management of organizations in today's global context.
Prerequisites: PMGT 301, BUSN 201.

PMGT 303
Revenue Management
3 Credits Weekly (3-0-0)
Students learn the application of the accounting function in the context of managing properties, various types of reporting that are utilized in the industry, and learn to interpret those reports, and come to conclusions and sound management decisions. Students examine the management of a property as a business venture of the investor, and how decisions in management can affect the value of the investment.
Prerequisites: PMGT 301; and FNCE 301 or MGMT 211 and ACCT 322 or ACCT *(*p. 646*)-218.*

PMGT 304
Legal Issues for the Property Manager
3 Credits Weekly (3-0-0)
Students learn about legal issues in the day-to-day management of the property as a business unit. Topics include property taxation, insurance, risk management, contracts, inspections, environmental hazards, life safety and disaster planning, maintenance strategies. Students will examine the legal rules for the tenancy cycle in detail including: move ins, rent collection, lease renewals, conflict mediation, enforcement and termination of tenancies. The role of the property manager in the condominium setting will also be reviewed.
Prerequisites: LEGL 210 , PMGT 301, PMGT 302.

PMGT 401
Commercial Property Management
3 Credits Weekly (3-0-0)
Commercial Property Management covers the knowledge required to manage commercial properties, such as industrial holdings, office buildings ,and retail outlets. The areas covered are leading and developing a property management team; risk, management; marketing, and ethics. Credit can be obtained in only one of MARK 324 or PMGT 401.
Prerequisites: PMGT 301.

PNRS – Psychiatric Nursing

PNRS 152
Foundations in Nursing Practice
6 Credits Total (45-30-75)
Students develop and integrate foundational nursing knowledge and skills within classroom, laboratory, simulation, and health care settings, for basic client-centred care with an individual patient/client. Students receive an introduction to the nursing process and explore principles of teaching and learning within the context of promoting health, safety and comfort. Developmental and physiological considerations related to activities of daily living across the lifespan are discussed. Students incorporate communication skills in the development of a nurse-patient/client relationship, establishment of professional boundaries, and collaboration with other health care providers in the organization and implementation of direct care.
Prerequisites: Minimum grade of C- in HLST 154, HLST 159, NURS 150.

PNRS 155
Mental Health Nursing I
4 Credits Total (45-0-40)
Students develop the foundational knowledge, skills and attitudes required to provide client-centred, evidence-informed nursing care to clients in mental health settings. Students focus on recent trends, legislation, and selected ethical-legal and professional issues in mental health nursing; therapeutic milieu; and the application of therapeutic communication techniques across the lifespan. Students further examine nursing models and mental health theory applicable to mental health nursing. Students explore selected mental health pathologies, interventions, therapies, and basic counselling skills. Students apply communication theory and skills for the establishment of therapeutic nurse-client relationships in selected settings.
Prerequisites: Minimum grade of C- in PNRS 152.

PNRS 252
Mental Health Nursing II
4 Credits Weekly (4-0-0)
Students develop in-depth knowledge as well as the skills and attitudes required to provide client-centred, evidence-informed, holistic nursing care for persons experiencing selected common chronic and acute mental health issues and disorders. Students examine the related mental health pathologies, interventions and therapies, including psychopharmacology, psychosocial and alternative therapies. Students also explore selected ethical and legal issues. Students extend knowledge of group process and crisis intervention. The focus is on care of the individual within the context of family, community, and environment, and adaptations of nursing care across the lifespan.
Prerequisites: Minimum grade of C- in PNRS 155, PSYC 104, PSYC 105.
Prerequisites or Co-requisites: HLSC 220, HLSC 222, NURS 252.

PNRS 255
Psychiatric Nursing Practice, Adult Populations
5 Credits Total (10-0-143)
Students focus on the application of knowledge, skills, and attitudes for holistic, client-centred, evidence-informed psychiatric nursing care of adult clients experiencing a broad range of chronic and acute mental health problems and disorders, in an in-patient setting. Students establish therapeutic relationships and collaborate with clients, their families, and members of the interprofessional and intersectoral teams to promote optimal health and provide ethical, culturally sensitive, age-appropriate, client-centred psychiatric nursing care.
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252, and PNRS 252.

PNRS 259
Psychiatric Nursing Practice, Special Populations
5 Credits Total (10-0-143)
Students focus on the application of knowledge, skills, and attitudes for holistic, evidence-informed psychiatric nursing care of special populations, for clients experiencing a broad range of chronic and acute mental health problems and disorders. Students establish therapeutic relationships and collaborate with clients, their families, and interprofessional and intersectoral team members to promote optimal health and provide culturally sensitive, age-appropriate, ethical, client-centred psychiatric nursing care in a variety of settings.
Prerequisites: Minimum grade of C- in HLSC 220, HLSC 222, NURS 251, NURS 252 and PNRS 252.

PNRS 320
Trends and Issues in Mental Health Care
3 Credits Weekly (3-0-0)
Learners focus on evolving trends related to the management of complex mental health care problems experienced by at risk groups across the lifespan. Consideration is given to culturally diverse individuals and groups with acute and chronic mental health issues. Emphasis is also placed on analyzing how legislative, technological, economic, and social forces impact health care planning and decision making in settings where mental health services are delivered.
Prerequisites: RPN or minimum grade of C- in PNRS 252.

PNRS 321
Child/Adolescent Mental Health
3 Credits Weekly (3-0-0)
Learners focus on evidence-informed holistic care of the child/adolescent with a mental health issue or disorder within the context of family and community. Also explored are the role and responsibilities of the psychiatric/mental health nurse in promoting optimal wellness with children, adolescents, families and communities that are affected by a mental health issue. Learners examine selected trends and issues specific to child/adolescent mental health.
Prerequisites or Co-requisites: HLST 320 and HLST 321.

PNRS 352
Mental Health Nursing III
4 Credits Total (60-0-0)
Students develop in-depth knowledge as well as the skills and attitudes required to provide client-centred, evidence-informed nursing care for clients experiencing selected complex mental health issues and disorders. Students examine the related mental health pathologies, interventions, and therapies, including psychopharmacology, psychosocial, and alternative therapies, as well as related ethical and legal issues. Focusing on care of the individual within the context of family, community, and environment, students explore adaptations to nursing care across the lifespan. Knowledge and skills in group process, counseling, and crisis intervention are further enhanced. Transition to the role of the practicing psychiatric nurse is explored.
Prerequisites: Minimum grade of C- in NURS 255, PNRS 255, and PNRS 259.

PNRS 355
Clinical Preceptorship
7 Credits Total (12-0-375)
Students focus on extension and consolidation of knowledge and skills related to the roles, functions, and competencies of the entry level psychiatric nursing graduate in a selected setting. With guidance and mentoring from a professional nurse preceptor, students gradually assume the role and responsibilities of that position while working within clinical practice guidelines for nursing students.
Prerequisites: Minimum grade of C- in PNRS 352.

PNRS 420
Community Mental Health
4 Credits Total (45-0-30)
Learners explore and apply theories and concepts related to community-based mental health nursing and examine health care initiatives applicable to community mental health. Emphasis is placed on health promotion/wellness, risk reduction, and therapeutic management across the lifespan within a framework that incorporates interprofessional and intersectoral collaboration.
Prerequisites: Minimum grade of C- in NURS 341 and HLST 320.

PNRS 421
Mental Health and the Law
3 Credits Weekly (3-0-0)
Learners analyze moral, ethical, legal, and regulatory issues impacting psychiatric/mental health nursing practice as it interfaces with legislative standards at the provincial and federal levels. Learners gather, research, and analyze several pieces of legislation affecting mental health clients at the macro level. They extend this knowledge to their local clinical/community level by examining operational /legal/ regulatory issues from their local nursing practice.
Prerequisites: Minimum grade of C- in HLST 321.

PNRS 422
Leadership for Psychiatric Nursing Practice
3 Credits Weekly (3-0-0)
Learners explore leadership models, theories and styles and examine the relationship between leadership and management. A further emphasis is placed on the development and characteristics of effective leadership within the context of psychiatric/mental health nursing practice as well as professional and societal trends that influence psychiatric/mental health nursing practice and advancement of the profession. Consideration is also given to techniques for fostering creativity, influencing health policy, engaging in the change process, nurturing relationships and creating and maintaining a healthy workplace environment.
Prerequisites: RPN OR minimum grade of C- in NURS 255, PNRS 255, PNRS 259 & a 3-credit university level ENGL *(*p. 725*) course (excluding ENGL 111).*

PNRS 423
Capstone Course
4 Credits Total (15-0-90)
Learners synthesize acquired knowledge and skills and extend their depth and breadth in a selected area of psychiatric/mental health nursing. Through supervision by a faculty member and facilitation by approved community professionals, students formulate and operationalize an individual capstone project. Learners undertake a field experience that may take a variety of forms, including research, education, leadership and management in a setting where mental health services are delivered. Learners complete a comprehensive literature review related to their selected topic and a substantive scholarly report/paper.
Prerequisites: Minimum grade of C- in PNRS 320 and PNRS 321, and NURS 341 or NURS 344.

POLS – Political Science

POLS 101
Introduction to Politics
3 Credits Weekly (3-0-0)
This course provides an introduction to a systematic study of the primary institutions and processes of modern government and the discipline of political science. Students explore the significant concepts, methods, approaches, and issues of the discipline, considered necessary for the study of politics. Topics include political power, political authority, sovereignty and the state, the nation, constitutionalism, international relations, political ideology, elections, and electoral systems, democracy, and totalitarianism. Note: this course is the prerequisite for most second year Political Science courses.

POLS 200
Comparative Political Systems
3 Credits Weekly (3-0-0)
This course introduces the concepts, methods and substance of the field of comparative politics, covering selected developed and developing countries. Contemporary politics of the selected countries will be studied in their historical, social, and cultural contexts. Political and governmental institutions and public policies of the selected countries will be examined in relation to their responses to changing domestic and global environments. This is a core course in the field of comparative politics and a prerequisite for most 300- and 400-level courses in the field.
Prerequisites: Minimum grade of C- in POLS 101.

POLS 214
History of Political Thought I
3 Credits Weekly (3-0-0)
This course introduces students to classical and medieval political thought through the careful reading of primary texts. Authors studied may vary from year to year and section to section, but each is considered somehow representative or thematically significant to the period in question. Names typically examined include Homer, Aristophanes, Plato, Aristotle, Cicero, St. Augustine, and Thomas Aquinas. Note: This is a core course in the field of political philosophy.
Prerequisites: Minimum grade of C- in POLS 101.

POLS 215
History of Political Thought II
3 Credits Weekly (3-0-0)
Building upon the skills and knowledge acquired in POLS 214, this course introduces students to modern political thought through the careful reading of primary texts. Authors typically include some of the following: Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, Mill, and Nietzsche. Authors may vary from year to year and section to section, but each is considered somehow representative or thematically significant to the period in question. Note: This is a core course in the field of political philosophy.
Prerequisites: Minimum grade of C- in POLS 214.

POLS 221
Canadian Political Realities
3 Credits Weekly (3-0-0)
This course is an introductory course in Canadian politics designed for students who do not intend to take more senior courses in the field of Canadian politics. The course involves study of the politics of institutions and the processes of the government of Canada. Students demonstrate understanding of the major challenges facing Canada in its political development. Note:This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS 224
Canadian National Government I
3 Credits Weekly (3-0-0)
POLS 224 and 225 are the core courses in the field of Canadian politics, introducing students to the institutions, processes, concepts and important issues of this subject area. Topics include the Constitution and federalism, region and province, French Canada and Quebec, Indigenous peoples, ethnicity, immigration and multiculturalism, gender, class, and Canada's role in the world.
Prerequisites: Minimum grade of C- in POLS 101.

POLS 225
Canadian National Government II
3 Credits Weekly (3-0-0)
POLS 224 and 225 are the core courses in the field of Canadian politics, introducing students to the institutions, processes, concepts and important issues of this subject area. Topics include the political process, political parties, elections and representation, Parliament, the executive, bureaucracy, the judiciary, and fiscal, economic and other policy issues in Canada.
Prerequisites: Minimum grade of C- in POLS 224.

POLS 244
Introduction to Policy Studies
3 Credits Weekly (3-0-0)
This course introduces students to the process and practice of policy making in modern governments. It examines the key actors, institutions and dynamics involved in policy making. It covers different aspects of policy making, including government agenda-setting and decision making, the tools governments use to address pressing societal issues and achieve their goals, and how governments implement and evaluate those policies. Particular attention is paid to the changing context in which policy making occurs and the current challenges and opportunities policy makers face.
Prerequisites: A minimum grade of C- in POLS 101.

POLS 261
Asia Pacific Political Systems
3 Credits Weekly (3-0-0)
The purpose of this survey course is to introduce students to the political systems of ten Asia-Pacific countries: China, including Hong Kong and Taiwan, Brunei; Indonesia; Singapore; Malaysia; The Philippines; Japan; South Korea; Thailand; and Vietnam. This dynamic region of the world exhibits a range of political systems, from constitutional monarchies to one-party dominant states. This course emphasizes the linkages between the economic and political development and the cultural catalysts and obstacles to both processes. The processes of regional and global economic integration of the countries in the region are discussed.
The course explores other topics such as the following: constitutional development, legislature, political executive, judiciary, political culture and socialization, political parties and pressure groups, public opinion and the mass media, public enterprises and bureaucracy; and foreign policy. Note: This course does not count toward the senior level credit requirement for the major/minor or honours.

POLS 264
Introduction to Global Politics
3 Credits Weekly (3-0-0)
This course introduces students to the study of global politics.
Topics include the theories of international relations, the dynamics of interaction among states and non-state actors, the nature of power, globalization, foreign policy, war and peace, international political economy, international organizations and, international law.
Prerequisites: A minimum grade of C- in POLS 101, or second-year standing.

POLS 265
Introduction to Global Politics II
3 Credits Weekly (3-0-0)
This course examines major issues in the global political economy and global governance. Topics include the theoretical approaches to international political economy, international trade, global finance, multinational corporations, international development assistance, North-South relations, migration, the UN and global governance, international law, regional integration, the environment, international terrorism, and human rights.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 304
Topics in European Politics
3 Credits Weekly (3-0-0)
This course focuses on the analysis of selected issues in European Politics. It includes theoretical, empirical, institutional, and policy analysis, as well as a research component. For detailed information concerning the current course offering please consult the department. Note: This course can be taken up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in POLS 200.

POLS 307
Continental Political Thought
3 Credits Weekly (3-0-0)
This course carefully examines the major themes that develop within the tradition of 19th and 20th century Continental Political Thought beginning with German Idealism and ending with Existentialism. Authors to be studied may include Immanuel Kant, G.W.F. Hegel, Friedrich Nietzsche, and Martin Heidegger.
Prerequisites: minimum grade of C- in POLS 214 and 215, or consent of the department.

POLS 308
Political Thought of the Enlightenment
3 Credits Weekly (3-0-0)
This course introduces students to the central works in political philosophy of the Enlightenment. In studying classic texts from the French, British, and American Enlightenments, the course further aims to discern, within these texts, the intellectual sources of liberal modernity. Students study the work of some of the following: Thomas Hobbes, John Locke, Adam Smith, Jean-Jacques Rousseau, Montesquieu, Benjamin Constant, The Federalist, Thomas Jefferson and Alexis de Tocqueville.
Prerequisites: Minimum grade of C- in POLS 214 and POLS 215.

POLS 309
Ancient Political Philosophy
3 Credits Weekly (3-0-0)
This course carefully examines one or more of the classic texts of ancient political philosophy. The course is organized around a major concern of ancient political philosophy. Potential topics include the nature of political community, sources of civic virtue, rhetoric, classic natural right, and the relationship of philosophy to politics. Addressing these topics entails the careful study of major texts by some of the following: Plato, Xenophon, Aristotle, Cicero, Lucretius and St. Augustine.
Prerequisites: Minimum grade of C- in POLS 214 and 215, or consent of the department.

POLS 315
Contemporary Liberal Thought
3 Credits Weekly (3-0-0)
This course is devoted to the exploration of contemporary liberal political thought. It covers selected readings from recent liberal philosophers and their critics, as well as considering debates about the values of liberalism in their application to public issues such as distributive justice, multiculturalism, and religion in society.
Prerequisites: Minimum grade of C- in POLS 214 and 215, or consent of the department.

POLS 316
Political Thought After Nietzsche
3 Credits Weekly (3-0-0)
This course focuses on the close reading of selected texts in 20th century thought that attempt to come to grips with Nietzsche's fundamental criticism of enlightenment rationality as the foundation for a democratic political order. Special attention is paid to those authors, largely German, who chart an alternative course to French postmodernism. Authors to be discussed may include: Edmund Husserl, Martin Heidegger, Leo Strauss, Hans-georg Gadamer, Hannah Arendt, Reinhold Neibuhr, Emmanuel Levinas, and Alasdair MacIntyre.
Prerequisites: C- in POLS 214 and POLS 215 or consent of the department.

POLS 321
Introduction to Public Administration
3 Credits Weekly (3-0-0)
This course explores the theoretical foundations and contemporary practice of public management and governance in Canada. This includes identifying institutions and processes through which public administration is conducted and assessing how public servants contribute to democratic governance. Major themes and debates within the field are discussed as well as the practical issues public servants face and the changing environment within which they work. The course primarily focuses on the federal government, but includes discussion of public administration in provincial, municipal and Indigenous governments.
Prerequisites: A minimum grade of C- in POLS 244 or consent of the department.

POLS 324
Topics in Canadian Politics
3 Credits Weekly (3-0-0)
This course is devoted to the detailed study of a single topic area in Canadian politics. Examples of topic areas include democracy and democratic reform, electoral politics and political parties, Canadian political thought, the Charter of Rights and judicial review, public policy, political cleavages in Canada, the politics of environmentalism, local government, and media and politics. Students may take this course up to two times provided the topic is different.
Prerequisites: Minimum grade of C- in POLS 224 and 225, or consent of the department.

POLS 327
Politics of Identity in Canada
3 Credits Weekly (3-0-0)
This course is devoted to the exploration of the role of identities in Canadian politics. Among the core areas of interest in this area are questions about the relationship of indigenous peoples to the state, the role and cultural influence of the country's earliest settlement groups, regional and provincial sources of identity, ethnicity, immigration and multiculturalism, gender, socio-economic class and emergent forms of politically salient identity, and Canadian national identity.
Prerequisites: Minimum grade of C- in POLS 224 and POLS 225.

POLS 329
Canadian Federalism
3 Credits Weekly (3-0-0)
This course is devoted to the systematic study of the evolution, institutions, challenges, and theoretical underpinnings of the Canadian Federal system.
Prerequisites: Minimum grade of C- in POLS 224 and POLS 225.

POLS 330
The Canadian Constitution I: The Constitution Act, 1867 and Indigenous Constitutional Issues
3 Credits Weekly (3-0-0)
This course is devoted to the exploration of the foundation of Canada's legal and constitutional system, the Constitution Act, 1867, Indigenous-state constitutional issues, and the role and impact of these aspects of Canada's constitution in the country's politics and culture. Note POLS 330 and POLS 331 may be taken in any order. Students cannot receive credit for both POLS 326 and POLS 330.
Prerequisites: Minimum grades of C- in POLS 224 and 225 or consent of the department.

POLS 331
Canadian Constitution II: The Constitution Act, 1982, Charter of Rights, & Constitutional Change
3 Credits Weekly (3-0-0)
This course is devoted to the exploration of the Constitution Act, 1982 (which includes the Charter of Rights and Freedoms), issues, processes, and debate around major constitutional change in Canada, and the role and impact of these aspects of the country's constitution in its politics and culture. Note POLS 330 and POLS 331 may be taken in any order. Students cannot receive credit for both POLS 326 and POLS 331.
Prerequisite: Minimum grades of C- in POLS 224 and 225 or consent of the department.

POLS 343
Environmental Policy and Politics
3 Credits Weekly (3-0-0)
This course offers an examination of environmental issues in Canada, one of the most rapidly-developing policy fields in the last half century. The course focuses on a range of issues related to the natural environment by exploring the salient actors in environmental politics, the institutions and processes used to develop environmental policies, and how environmental issues are defined and understood by different political ideologies.
Prerequisites: A minimum grade of C- in POLS 244 or consent of the department.

POLS 344
Fundamentals of Policy Analysis
3 Credits (3-0-0)
This course applies economic concepts and techniques to practical policy problems that governments face, including the provision of public goods and the regulation of private individuals and businesses. Students will learn how to conduct different types of economic analyses that assist governments in deciding when and where to address a problem and how to choose between different solutions. This course provides students with an entry point to the profession of policy analysis. Note: Students can only receive credit for one of ECON 344 or POLS 344.
Prerequisites: A minimum grade of C- in POLS 244 or consent of the department.

POLS 345
Issues in Globalization and Governance
3 Credits Weekly (3-0-0)
This course offers a comprehensive study of some of the major issues in the areas of Globalization and Global Governance. Topics include: Global Governance theory, the Global Political Economy, Global Security Challenges, the Global Financial System, the Global Civic Ethic, Poverty and Globalization, UN Reform, and the Global Environmental Challenge.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 349
Topics in Global Politics
3 Credits Weekly (3-0-0)
The course covers current controversial issues in global politics. Selected topics include the international political economy, the international strategic system, global challenges, and international relations theory.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 357
The Third World in Global Politics
3 Credits Weekly (3-0-0)
This course assesses challenges facing the Third World in the global economy. Students focus on the specific constraints faced by the developing countries in the era of globalization, while assessing opportunities and options for overcoming the structural constraints. The institutional underpinnings of the Third World movement - the non-aligned movement and the group of 77 - as well as the specific regional and interregional responses to globalization are analyzed.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 264.

POLS 361
Conflicts and Civil Wars in International Relations
3 Credits Weekly (3-0-0)
Large-scale violence associated with interstate and intrastate conflict and war continues to have undeniable relevance for all of humanity. Given the rise of ethnic conflicts in Europe and proliferation of advanced weapons technology worldwide, providing answers to pressing questions about the onset and escalation of war is imperative in the aftermath of the Cold War. This course examines the theoretical and empirical knowledge on the causes of interstate wars and civil wars.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 362
Pursuit of Peace in Global Politics
3 Credits Weekly (0-0-3)
A dominant feature of the post-World War II international system is the willingness of states and international organizations to intervene, often forcefully, to manage conflicts. This course examines the theoretical and empirical foundations of the study of conflict management since the end of the Second World War.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 364
International Political Economy
3 Credits Weekly (3-0-0)
This is a critical examination of the conjunction of a series of market and political issues in international affairs, including the major facets of globalization. The course uses major theoretical perspectives to explain the intersection of states and markets in the global economy. Topics include: the global trading system, foreign direct investment, foreign portfolio investment, international debt problems, the impact of the international financial institutions, North-South relations, and balancing development with environmental protection.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 365
Canadian Foreign Policy
3 Credits Weekly (3-0-0)
This is an overview of the significant post-Second World War developments in Canadian foreign policy. This course assesses Canada's foreign policy priorities, orientations and sources. Topics addressed include the following: Canadian security, development assistance, role in international organizations, Canada and the global economy, the human security agenda, and the role of non-governmental organizations in shaping Canadian foreign policy.
Prerequisites: Minimum grade of C- in POLS 264.

POLS 368
International Organization
3 Credits Weekly (3-0-0)
This course examines the theoretical and empirical evolution of International Organizations. The course includes an active learning component, using simulation of the United Nations and/or other intergovernmental organizations. It deals with global governance as well as specific issue-areas such as human rights, peace, disarmament, development, and the environment. Students cannot receive credit for both POLS 368 and POLS 468.
Prerequisites: A minimum grade of C- in POLS 264 or consent of the department.

POLS 370
American Politics
3 Credits Weekly (3-0-0)
This course provides a comprehensive overview of the American political system through the study of the institutional framework of the three separate federal branches, the motivation behind its organization, and the way political actors' and political institutions' interaction are shaped by this organizational structure. This course is appropriate for political science majors who wish to gain a foundation and a better understanding of American politics.
Prerequisites: A minimum grade of C- in POLS 200 or consent of the department.

POLS 371
Politics in China
3 Credits Weekly (3-0-0)
This course examines Chinese politics in its historical, cultural, social, and global settings. The focus of this course is on the responses of China's political system to its domestic and international challenges in the modern time.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 261 or POLS 263.

POLS 373
Politics in India
3 Credits Weekly (3-0-0)
This course examines the Indian political system in its historical, cultural, social, and global settings. The responses of India's contemporary political system to its domestic and international challenges are studied in combination with the impact of India's colonial experience.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 261 or POLS 263.

POLS 375
Politics of East Asia
3 Credits Weekly (3-0-0)
This course provides comparative studies and analyses of politics of East Asia. Focused topics include politics of China, Hong Kong, Taiwan, Japan, and Korea. Comparisons and analyses cover a variety of subjects such as political institutions and processes, ideologies, and public policies.
Prerequisites: A minimum grade of C- in POLS 200 or consent of the department.

POLS 376
Issues in Development Studies
3 Credits Weekly (3-0-0)
This course provides an understanding of the core theoretical and practical development-related issues confronting countries in Africa, Asia, and Latin America. It presents the contending development theories, while focusing on the significant development challenges facing the developing countries - both domestic and global.
Prerequisites: Minimum grade of C- in POLS 200 or POLS 264.

POLS 389
Introduction to Qualitative Research Methods
3 Credits weekly (3-0-0)
This course is an introduction to qualitative research methods in political science. Students will learn to undertake both positivist and interpretivist research in political science. In addition to learning formal methods, students apply these methods by learning to conduct primary data collection, including: designing surveys, conducting semi-structured elite interviews, and undertaking ethnographic research to address questions related to Political Science.
Prerequisites: A minimum grade of C- in POLS 101 and 6 credits of 200-level POLS *(p. 816) courses.*

POLS 390
Topics in Political Science
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to Political Science. The topic for the course varies and is announced prior to registration. This course may be taken up to two times provided the course topic is different.
Prerequisites: A minimum grade of C- in a 200 level course in Political Science.

POLS 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.

POLS 399
Empirical Research Methods in Political Science
3 Credits Weekly (2-1-0)
This course is a general introduction to empirical research methods in Political Science. Students learn the logic and working assumptions behind empirical research in Political Science, and gain practice with those methods to ask and answer specific research questions in Political Science using a statistical software.
Prerequisites: A minimum grade of C- in POLS 101 and 6 credits of 200-level POLS *(p. 816) courses.*

POLS 410
Topics in Political Philosophy
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of political philosophy. This course is devoted to the detailed study of a single topic. Examples of topics include the following: virtue and politics, theories of the State, the limits of reason, and problems of political community. Students may take this course up to two times provided the topic is different.
Prerequisites: A minimum grade of C- in POLS 214 and POLS 215, or consent of the department.

POLS 424
Advanced Topics in Canadian Politics
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in advanced study of specialized areas of Canadian politics. This course is devoted to the detailed study of a single topic area. Examples of topic areas include democracy and democratic reform, electoral politics and political parties, Canadian political thought, the Charter of Rights and judicial review, political cleavages in Canada, the politics of environmentalism, and the media and politics in Canada.
Prerequisites: A minimum grade of C- in POLS 225.

POLS 426
Canadian Law and Politics
3 Credits Weekly (0-0-3)
This course is devoted to the systematic study of the issues, history, and scholarly commentary associated with law, politics, and the judicial process in Canada. The course includes consideration of topics such as legal theory, judicial politics and issues of judicial selection and appointment, the implications of rights review for democracy, and core cases in constitutional litigation. The course concludes with student participation in a simulated legal case on a constitutional issue.
Prerequisites: A minimum grade of C- in one of POLS 326, POLS 330, POLS 331, or POLS 329 or consent of the department.

POLS 444
Topics in Policy Studies
3 Credits Weekly (0-0-3)
This is a seminar course for students interested in specialized topics within policy studies. The course provides an in-depth and detailed examination of a single topic. Students will develop expertise in a specific area that can build a foundation for graduate studies or employment. Potential topics include public governance, theories of the policy process, specific policy dynamics such as networks, learning or agenda-setting and policy areas like climate change, health, social or economic policy. The instructor chooses the topic in any given semester. Students can take this course up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in POLS 244.

POLS 461
Selected Topics in International Politics
3 Credits Weekly (0-0-3)
This course focuses on selected contemporary topics in the sub-fields of international relations. Students undertake a detailed analysis of a specific topic. The instructor chooses the topic in any given semester. Students can take this course up to two times, provided the course topic is different.
Prerequisites: A minimum grade of C- in POLS 264.

POLS 470
Selected Topics in Comparative Politics
3 Credits Weekly (0-0-3)
This course focuses on the analysis of advanced topics in Comparative Politics. It includes theoretical, empirical, institutional, and policy analysis, as well as a research component. For detailed information concerning the current course offering please consult the department. Note: This course can be taken up to two times, provided the course topic is different.
Prerequisites: Minimum grade of C- in POLS 200.

POLS 471
Comparative Development
3 Credits Weekly (0-0-3)
This seminar compares politics of two developing countries: China and India. The course addresses the distinctive developmental issues and common political challenges facing both countries and distinctive developmental issues in each of these countries. Theoretical perspectives on political development are examined.
Prerequisites: Minimum grade of C- in any of POLS 371,373, 375 and 376.

POLS 490
Advanced Study in Political Science
3 Credits Weekly (0-0-3)
This course focuses on the analysis of selected issues in the fields of Canadian Politics, Comparative Politics, International Relations, Policy Studies, or Political Philosophy. It includes a detailed research component. This is a required course in the Political Science major. Note: This course may be taken up to two times provided the course topic is different.
Prerequisites: Minimum grades of C- in POLS 200, POLS 214, POLS 215, POLS 224, POLS 225, POLS 264, and either POLS 244 or POLS 265, or consent of the department.

POLS 495
Political Science Field Placement
3 Credits Total (45-0-125)
This course allows students to bridge the gap between the theory and practice of politics. Students are assigned to a public, private, or non-profit organization where they apply their knowledge of political science and use their skills, including research, analysis and communication, to work on projects or tasks within their partner organization. Note: This course does not fulfill the 400-level requirement for the major and minor.
Prerequisites: A minimum of C- in 6 credits of 300-level political science and consent of the department.

POLS 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits a senior-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the student's project.
Prerequisites: Consent of the Department.

POLS 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor registered students conduct a research project culminating in a written Honours Thesis and formal presentation of research findings. This course is restricted to, and required of, students in the Honours Political Science Program. Students complete both POLS 499A and POLS 499B in consecutive terms to attain credit for this course.
Prerequisite: Registration in the Honours Program and consent of the department.

POLS 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct a research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to, and required of, students in the Honours Political Science program. Students complete both POLS 499A and 499B in consecutive terms to attain credit for this course.
Prerequisite: Registration in the Honours Program and consent of the department.

PREL – Public Relations

PREL 213
Business Fundamentals for Communicators
3 Credits Weekly (3-0-0)
Business Fundamentals for Communicators is an overview of the functional areas (marketing, operations, accounting/finance, information technology and management of organizational structure) of business. Topics include small business management, ethics, and international business. Evaluation of student performance includes the presentation and preparation of a group business plan.

PREL 230
Public Relations Fundamentals and Practice
3 Credits Weekly (3-0-0)
Public Relations Fundamentals and Practice is an overview of the public relations profession: what it is, how it is practiced and the role of a public relations practitioner. Students learn that public relations is a profession with its own distinct body of theory and knowledge. Students examine the history, role and purpose of public relations in society and examine the fundamental concepts of strategic communication. As well, students are introduced to the ethics and professionalism inherent in the practice and process of public relations.

PREL 233
Media Relations and Mass Media
3 Credits Weekly (3-0-0)
Students explore current theories and practices on how the media functions in society today and learn practical approaches to media relations for the public relations profession. Students apply strategies and techniques for providing media relations expertise in a variety of professional settings.
Prerequisites: PREL 230: Public Relations Fundamentals.

PREL 238
Public Relations & Digital Media
3 Credits Weekly (3-0-0)
Students gain a working knowledge of digital media such as blogs, social networking sites and web content management systems. Instruction is provided on the ongoing history of media and the impact they are having on society and the public relations profession. Students learn how organizations use these media to communicate with their key publics and how to analyze and interpret media content. Students are introduced to the composition basics of a variety of new media vehicles. Note: it is recommended that PREL 230 - Public Relations Fundamentals and Practice be completed before or taken concurrently with this course.

PREL 240
Integrated Marketing Communications
3 Credits Weekly (3-0-0)
Unprecedented message clutter and a more selective consumer spell new challenges for organizations of all types. Students examine how the disciplines of public relations and marketing and communications are closely linked through the concepts of Integrated Marketing Communications (IMC). Students learn how IMC incorporates activities designed to build relationships with consumers, and can employ a wide range of communication tools, both traditional and non-traditional. Students learn the principles of advertising and promotions and how the industry operates today. Participants develop an integrated marketing plan that incorporates both strategic and tactical thinking.

PREL 241
Writing for Public Relations
3 Credits Weekly (3-0-0)
Students apply the skills in writing style and structure acquired in PROW 211. Students develop a working understanding of the various forms of public relations writing, including when and how to apply them. Students learn to write creatively and persuasively, edit their work and the work of others, and to work under tight deadlines. Emphasis is placed on writing in the Canadian Press style.
Prerequisites: PROW 211.

PREL 242
Internal Communications and Organizational Dynamics
3 Credits Weekly (3-0-0)
Students learn theories and concepts of organizational dynamics and structures and how they impact internal communication. Students apply internal communication theory and concepts to various tools and techniques including intranet and email. Students also learn presentation techniques and professional ethics, values and practices.
Prerequisites: PREL 230.

PREL 245
Communications Research and Planning
3 Credits Weekly (3-0-0)
Students learn the role of formal and informal research in the public relations process and how to apply it in a communications context. Students experience the research process through the development of a strong research question, applying appropriate methodology and data collection methods, and collecting and analyzing data. This information is used to create and present a communications plan, giving students a well-rounded experience in essential analysis and problem solving.

PREL 246
Issues and Reputation Management
3 Credits Weekly (3-0-0)
Organizations and governments face intense public scrutiny in an increasingly competitive environment. Students examine how issues originate and the impact of issues on the reputation of the organization. Students learn the communication strategies, tools and techniques applied by an organization to communicate its image to key publics and to manage reputational damage.
Prerequisites: PREL 230.

PREL 250
Professional Practicum
5 Credits Total (0-0-294)
Students gain first-hand experience in the public relations profession. Students are supervised in a public relations setting over an eight-week period where they apply the skills and abilities learned in the classroom setting. All program courses and requirements must be successfully completed before students embark on their practicum component.
Prerequisites: All courses in the PR diploma program must be successfully completed before the practicum can be taken.

PROW – Professional Writing

PROW 210
Advanced Business Writing
3 Credits Weekly (3-0-0)
In this course, students examine the consequences of their language choices within a business context. They are encouraged to examine and analyze the social, political, and legal ramifications of their language use in a variety of business documents. They use dictionaries and style guides, sentence structures, mechanics, and stylistics as tools to facilitate communications outcomes for an organization. Ultimately, business students leave the course with increased explanatory power and advanced written communication skills. Note: Credit can only be obtained in one of PROW 210 Advanced Business Writing or PROW 100 Foundations of Composition.
Prerequisites: BUSN 201.

PROW 211
Writing Fundamentals
3 Credits Weekly (3-0-0)
Writing and editing skills are primary tools for the public relations practitioner. This course explores the essence of language; grammar, phrasing and style. Students learn to organize their writing effectively and to use persuasive language to achieve the purpose for their written works in a public relations setting.
Prerequisites: Admission to the Public Relations diploma program.

PSSC – Police & Investigations

PSSC 102
Criminal Investigation
3 Credits Total (45-9-0)
This course focuses on the processes used when conducting criminal investigations. The methods of obtaining and assessing information through interviewing, investigative photography, note taking and report writing, incident scene drawing, and crime scene search techniques are studied and applied.

PSSC 112
Policing in Canada
3 Credits Weekly (3-0-0)
Students learn the origins and philosophical development of policing in Canada and assess current policing practices. The course focuses on the role of police, the structure of Canadian police organizations, police accountability, historical policing models, and the strategies associated with current policing models.

PSSC 121
Law and the Administration of Justice
3 Credits Weekly (3-0-0)
Students learn the principles, practice and philosophy of the Canadian judicial system with emphasis on the criminal trial process. A review of the structure of the Canadian court system, statute law, case law, and the civil court trial process are included.

PSSC 122
Criminal Law
3 Credits Weekly (3-0-0)
Students learn the Criminal Code and selected Alberta provincial statutes. The emphasis is on an in-depth analysis of selected criminal offences. The elements of a crime, pre-trial criminal procedures, and the nature and significance of the Canadian Charter of Rights and Freedoms are also discussed. Note: It is recommended that PSSC 121 be taken concurrent with or prior to this course.

PSSC 123
Legal Evidence in Criminal Investigations
3 Credits Weekly (3-0-0)
Students learn the laws of evidence as they relate to criminal procedures and trials. Students briefly review the laws of evidence that relate to civil proceedings. Drawing upon the Canada Evidence Act and selected statutes, students explore legal defences and the powers of search and seizure. Students also analyze the rules that relate to obtaining statements, admissions, confessions and presenting evidence in court.
Prerequisites: PSSC 121.

PSSC 130
Public Safety Reporting and Communications
3 Credits Weekly (3-0-0)
Students learn the written communication skills needed to be effective as professionals in public safety organizations. The focus is on the theory and skills required to be an effective communicator in a variety of contexts involving notes, reports, witness statements, and memoranda.

PSSC 132
Investigative Law
3 Credits Weekly (3-0-0)
Students learn the Criminal Code, selected Alberta provincial statutes and examine statutes and procedures applicable to civil and administrative tribunals. The elements of a crime, pre-trial criminal procedures and the nature and significance of the Canadian Charter of Rights and Freedoms are also discussed. Note: It is recommended that PSSC 121 be taken concurrently with or prior to this course.

PSSC 133
Legal Evidence in Investigations
3 Credits Weekly (3-0-0)
In this course, students examine the laws of evidence related to both criminal and civil trials and to administrative proceedings. Drawing upon the Canada Evidence Act and other selected statutes, students explore the ways in which these acts and statutes influence civil, criminal and administrative procedures. Students compare the discovery process in civil proceedings with criminal matters and review the powers of search and seizure, the rules related to statements, admissions and confessions, and the laws that govern the presentation of evidence in court.
Prerequisites: PSSC 121.

PSSC 141
Interpersonal Skills
3 Credits Weekly (3-0-0)
Students increase their understanding and awareness of the impact of their behaviour on others. Students examine personality types, leadership styles, gender and cultural issues, and the influence these factors have on the development of effective human relations.

PSSC 151
Security Programs and Risk Management
3 Credits Weekly (3-0-0)
Students learn about the security profession in Canada and examine current security practices. Students learn the components of a comprehensive security program and focus on the operational activities involved in risk management. Emphasis is placed on risk identification, quantification, prioritization, and the risk transfer process.

PSSC 152
Loss Prevention Program Management
3 Credits Weekly (3-0-0)
Students learn the elements of the loss prevention component of a comprehensive security management program. The course focuses on the operational activities involved in the development, implementation, and maintenance of a loss prevention program. Consideration is given to policy and procedure development, training program development, and program evaluation.

PSSC 153
Security and Risk Management
3 Credits Weekly (3-0-0)
Students learn about the origins and development of security and the growing roles and responsibilities of private and public security personnel today. Students learn the nature of risks/threats toward the safety and security of private and public infrastructure. Students learn the components of a comprehensive security program regarding the operational activities involved in risk management. Emphasis is placed on risk identification, analysis, prioritization, and the risk transfer process.

PSSC 203
Forensic Science
3 Credits Total (45-9-0)
This course provides an in-depth study of the methods of recognizing, collecting, preserving, examining, and presenting physical evidence found at a crime scene. The operations and functions of the forensic crime lab are also studied.

PSSC 204
Forensic Investigation
3 Credits Total (45-9-0)
Students analyze the processes involved in the recognition, development, and identification of fingerprints and other forensic evidence. Students also examine specific techniques to investigate criminal cases.
Prerequisites: PSSC 102 and PSSC 203.

PSSC 212
Mental Health Foundations in Public Safety
3 Credits Weekly (3-0-0)
Students learn about the principles of trauma-informed care, mental health self-care, and resiliency for individuals in public safety careers.

PSSC 222
Mental Health and Resiliency in Public Safety
3 Credits Weekly (3-2-0)
Students learn about mental health and mental illness in the context of public safety careers. This includes understanding mental health symptoms and disorders and the most effective ways of working with individuals who are experiencing mental health symptoms or distress. The course also introduces students to the principles of trauma informed care and the effects of stress, loss, trauma and grief on themselves and others, and teaches students positive self-care and coping strategies and resiliency building practices. In-class instruction is supplemented by a laboratory component in which students complete personal fitness and lifestyle training in the university fitness facilities.

PSSC 242
Leadership Skills
3 Credits Weekly (3-0-0)
Students learn the communication skills needed to be effective as leaders in business and professional organizations. The focus is on the theory and skills required to be an effective communicator in a variety of contexts involving individuals, groups and teams.

PSSC 245
Leadership, Ethics and Professionalism
3 Credits Weekly (3-0-0)
This course explores theories, practices and issues related to leadership within Canada's law enforcement and public safety domain. Centring on the contemporary context, focus is placed on the skills required to be an effective, professional, and ethical leader in a variety of contexts involving individuals, groups and teams.

PSSC 250
Multiculturalism and Diversity in Public Safety
3 Credits Weekly (3-0-0)
Students learn about the multicultural challenges in policing and investigations today through an examination of the current and historical relationships with the diverse communities they serve. Students examine the importance of developing strong relationships with people from diverse backgrounds, and learn ways to incorporate cultural understanding and sensitivity into their professional practice.

PSSC 252
Investigations I
3 Credits Total (45-9-0)
This course examines the fundamental investigative techniques used in security investigations. The course gives an overview of the investigative planning process, the nature and types of forensic evidence, and the techniques involved in the collection, identification, and assessment of evidence.

PSSC 253
Investigations II
3 Credits Total (45-9-0)
In this course, students examine and apply evidence search and collection techniques, incident scene drawing, and criminal court presentation procedures. Students also select and evaluate specific techniques to investigate criminal cases.
Prerequisites: PSSC 252.

PSSC 255
Investigative Interviewing
3 Credits Weekly (3-0-0)
Students learn the techniques and skills necessary for effective investigative interviewing. Students apply and demonstrate effective questioning skills (for victims of crime, witnesses, and suspects) and information gathering skills for the proper and thorough investigation of crime or other matters, such as complaints of performance or conduct.

PSSC 259
Surveillance and Society
3 Credits Weekly (3-0-0)
Students are introduced to the history and origin of surveillance activities, an understanding of surveillance within the contemporary context, and the dynamics of surveillance at the individual, organizational, and societal levels. Discussion centres on the concept of a surveillance society, the intrusion upon and protection of individual rights, and application of surveillance-related issues within public safety. Students gain an understanding of surveillance tools available to public safety officials.

PSSC 260
Selected Topics in Policing and Public Safety
3 Credits Weekly (3-0-0)
This course involves the exploration and critical evaluation of two emerging areas of scholarship or professional practice in policing. Topics covered may include areas of study such as surveillance, crime and intelligence analysis, emerging trends or issues in policing, and/or innovative approaches to policing and public safety.

PSSC 261
Selected Topics in Investigations
3 Credits Weekly (3-0-0)
This course involves the exploration and critical evaluation of two emerging areas of scholarship or professional practice in the field of investigations. Topics covered may include areas of study such as emerging issues or social movements relevant to investigations, open source intelligence investigations, web-based offences and investigative tools, and/or innovative approaches to investigations.

PSSC 262
Integration Seminar
1 Credit Weekly (0-0-1)
Students integrate theory and practice by linking the knowledge, skills and values gained in the classroom with issues experienced in field placement.
Co-requisites: PSSC 272.

PSSC 263
Integration Seminar
1 Credit Weekly (0-0-1)
Students integrate theory and practice by linking the knowledge, skills and values gained in the classroom with issues experienced in field placement.
Co-requisites: PSSC 273.

PSSC 265
Cybersecurity and Digital Investigations
3 Credits Weekly (3-0-0)
Students are exposed to the concepts and skills associated with cybersecurity and digital investigations. The focus is on the theory and skills required by cybersecurity investigators, coupled with an understanding of emerging trends and contemporary challenges.

PSSC 272
Field Placement
4 Credits Weekly (0-0-15)
This course provides the student with related practical field experience. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.
Co-requisites: PSSC 262.

PSSC 273
Field Placement
4 Credits Weekly (0-0-15)
This course provides the student with related practical field experience. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field.
Co-requisites: PSSC 263.

PSSC 275
Field Placement
4 Credits Weekly (0-1-14)
This course provides the student with related field experience. The placement offers the unique opportunity to observe and participate in a variety of learning activities related to the field. The course also includes an integration seminar that addresses the integration of theory and practice by linking the knowledge, skills and values gained in the classroom with issues experienced in the field placement.

PSSC 283
Emergency Planning and Response
3 Credits Weekly (3-0-0)
Students learn the stages involved in the planning, implementation and management of an organization's response to emergencies, disasters, and crisis situations. The emphasis is on the emergency response and disaster recovery phases.

PSSC 293
Emergency Management
3 Credits Weekly (3-0-0)
Students learn the planning and implementation processes involved in the management of emergencies, disasters, and crisis situations. Key components are risk management, emergency response, crisis management, and disaster recovery.

PSYC – Psychology

PSYC 104
Introductory Psychology I
3 Credits Weekly (3-0-0)
A survey of natural science topics in Psychology. The course covers the evolution of psychological sciences, research methods, biological psychology, consciousness, principles and development of perception, motivation, learning, and their relationship to the psychological functioning of the individual. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105. Note that this course is typically delivered in a 'hybrid' style, with more online components and fewer in-class hours.

PSYC 105
Introductory Psychology II
3 Credits Weekly (3-0-0)
A survey of social science topics in Psychology. This course is an introduction to the study of individual and social behavior including individual differences in behaviour, thought, intelligence, human development, personality, social behaviour, stress responses, as well as psychological disorders and their treatment. If both PSYC 104 and PSYC 105 are to be taken it is recommended that students take PSYC 104 before taking PSYC 105. Please note that this course is typically delivered in a 'hybrid' format, with more content delivered online and fewer in-class hours.

PSYC 212
Introduction to Research Methods in Psychology
3 Credits Weekly (3-0-0)
This course provides an introduction to experimental and non experimental methods in psychology. Topics covered include philosophy of science; measurement; reliability and validity of methods, measures, and effects; survey design; correlational, experimental, quasi-experimental, qualitative, longitudinal and single-subject designs; biases in experimentation; and research ethics.
Prerequisites: Minimum grades of C- in PSYC 104, PSYC 105, and in STAT 151 or STAT 161 or equivalent, STAT 161 is strongly recommended.

PSYC 223
Developmental Psychology
3 Credits Weekly (3-0-0)
Many aspects of human nature and behaviour change during the process of development. This course reviews the physical, sensory, motor, cognitive, social, and emotional changes during various developmental stages. Development in infancy, childhood, and adolescence is emphasized.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 233
Personality
3 Credits Weekly (3-0-0)
In this survey of personality psychology, the student is introduced to a number of theoretical perspectives and methodological approaches to the study of personality. Additionally, assessment methods and research relevant to the study of personality are reviewed.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 241
Social Psychology
3 Credits Weekly (3-0-0)
This course is a survey of theories and research on topics such as attitudes and attitude change, person perception, attraction, pro-social behaviour, aggression and applied social psychology. Note: PSYC 241 and SOCI 241 may not both be taken for credit.
Prerequisites: Minimum grade of C- in PSYC 105 or in SOCI 100.

PSYC 258
Cognitive Psychology
3 Credits Weekly (3-0-0)
This course surveys a number of topics in cognitive psychology including perception, attention, knowledge representation, memory, learning, language, reasoning, and problem solving.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105.

PSYC 267
Perception
3 Credits Weekly (3-0-0)
This course is an introduction to the theoretical and experimental issues associated with the sensory and perceptual experience of the world. The main emphasis is on understanding basic perceptual phenomena, such as the relation between physical stimuli and experience. To this end, we must consider: The nature of the physical stimuli; the anatomy and physiology of the sense organs and receptors; the anatomy and physiology of the neural paths from receptors to the brain; how the brain processes sensory information; and the procedures used by researchers to obtain information about these systems.
Prerequisites: Minimum grade of C- in PSYC 104.

PSYC 275
Brain and Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to physiological psychology. Topics include sensation, perception, movement, motivation, memory, cognition, learning, and emotion from a biological point of view.
Prerequisites: Minimum grade of C- in PSYC 104 (Biology 30 or equivalent is strongly recommended).

PSYC 281
Principles of Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the principles of learning and behaviour, with an emphasis on the processes of classical and operant conditioning. Basic research findings are discussed as well as the application of those findings to important aspects of human behaviour. Note: Students can only receive credit for one of PSYC 281 or PABA 281.
Prerequisites: Minimum grade of C- in PSYC 104.

PSYC 301
History of Psychology
3 Credits Weekly (3-0-0)
Psychology is a relatively young science, but its history is varied, intriguing and extends well beyond the first psychologists. From early philosophy, physiology and medicine, through the dawn of evolutionary theories and radical behaviourism, to the cognitive revolution and modern neuroscience, we examine the trends, competing theoretical perspectives and socio-political influences on the discipline in Western society.
Prerequisites: Minimum grades of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC 305
Topics in Psychology
3 Credits Weekly (3-0-0)
This course provides a focused study of a currently relevant or special topic in psychology. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair. In general, these topics are suitable for students in the 3rd or 4th year of their studies. Additional prerequisites will be required depending on the topic.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 and consent of the department.

PSYC 306
Sports Psychology
3 Credits Weekly (3-0-0)
This course is a study of the psychological factors that influence and are influenced by participation and performance in sport, exercise, and physical activity, and the application of the knowledge gained through this study to everyday settings.
Prerequisites: Minimum grades of C- in at least one of PSYC 223, PSYC 233, PSYC 241, PSYC 258, plus one of PSYC 267, PSYC 275 or PSYC 281.

PSYC 307
Health Psychology
3 Credits Weekly (3-0-0)
This course examines how biological, psychological, and social factors affect the efforts people make in maintaining health and addressing illness, the effectiveness with which they cope with and reduce stress and pain, and the recovery, rehabilitation and psychosocial adjustment of patients with serious health problems.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 plus at least two 200-level PSYC *(*p. 825*) courses.*

PSYC 312
Advanced Research Methods
3 Credits Weekly (3-2-0)
This course emphasizes the following aspects of research methodology: design, analysis, ethics, reporting of results, and issues relevant to various areas of specialization in psychology. The advantages and limitations of particular research designs are explored. Students have the opportunity to gain first-hand experience with different research methodologies along with data collection. Toward the end of the course, students have the opportunity to present the results of original data in various formats. Note: This is a required course for students registered in the honours program.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 315
Computational Thinking
3 Credits Weekly (3-0-0)
Students will develop computational thinking skills as an approach to problem solving in this course. Students will learn the logical procedures and steps in the computational thinking approach which include decomposition, pattern recognition, abstraction, and algorithm design. Note: Credit can only be obtained in one of PSYC 315 or MGTS 315.
Prerequisites: Third year standing as well as minimum grades of C- in PSYC 104 or 105, and in one of STAT 151, STAT 161, or MGTS 103.

PSYC 324
Infant Development
3 Credits Weekly (3-0-0)
This course reviews the biological and sociocultural influences on the development of human infants from conception up to the age of three. Research is discussed that has revealed the physical, cognitive, and psychosocial factors that serve to distinguish normal from abnormal developments. In addition, issues of concern to caregivers/parents are explored.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 326
Atypical Development
3 Credits Weekly (3-0-0)
This course provides a theoretical and practical framework for conceptualizing atypical development and psychological disorders of children and adolescents. Prevalent clinical phenomena, treatment methods, approaches to preventing psychological disorders, and promoting optimal development are presented. Developmental, individual, familial, and social factors associated with disruptions in normative psychosocial growth are examined.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 328
Adult Development and Aging
3 Credits Weekly (3-0-0)
This course describes and discusses development from early adulthood through the final stages of life. Topics include lifespan development theories and research methods, age changes in cognitive processes, intellectual functioning and personality, changes in relationships and work, physiological changes, psychopathology associated with aging, death and dying, and psychological services for the adult and the aged.
Prerequisites: Minimum grade of C- in PSYC 223.

PSYC 333
Advanced Personality
3 Credits Weekly (3-0-0)
This course is intended to advance students' understanding of personality theory and research. It provides an in-depth analysis of relevant personality theories, and discusses challenges and controversies in the areas of personality structure and processes.
Prerequisites: Minimum grade of C- in PSYC 233.

PSYC 337
Forensic Psychology
3 Credits Weekly (3-0-0)
This course surveys the topic areas addressed by researchers interested in the interface between psychology and the law. The course examines the participation of psychologists and the application of psychological science within the criminal justice system. Topics may include: psychological factors associated with eyewitness and jury experiences, risk assessment, criminal profiling and police investigations, violent offenders, mental health and the criminal justice system, and the influence of psychology in the legal system.
Prerequisites: Minimum grades of C- in PSYC 104 and PSYC 105 and at least two 200-level courses in PSYC *(*p. 825*).*

PSYC 339
Abnormal Psychology
3 Credits Weekly (3-0-0)
This course offers an introduction to topics that outline the study of abnormal behaviour. Using an integrated model that encompasses biological, psychological, and sociocultural perspectives, psychological disorders are examined on a wide range of issues that include assessment, etiology, and treatment. Topics and disorders may include anxiety disorders, mood disorders, sexual and gender identity disorders, eating disorders, sleep-wake disorders, addictive disorders, personality disorders, and schizophrenia.
Prerequisites: Minimum grade of C- in PSYC 104 and PSYC 105, plus at least one 200-level PSYC *(*p. 825*) course (PSYC 233 or PSYC 275 recommended).*

PSYC 350
Human Memory
3 Credits Weekly (3-0-0)
This course reviews theoretical perspectives and empirical research methods that are related to the study of human memory. These build upon historical/biological foundations and core models of memory, and extend to complex forms of memory (i.e., episodic, semantic, autobiographical), as well as everyday applications and enhancement of memory strategies. This course also reviews the nature of forgetting, amnesia, and memory disorders. In addition, popular culture claims regarding memory and applied memory issues (e.g., false memories, memory and the law) may be covered.
Prerequisites: Minimum grade of C- in PSYC 258.

PSYC 351
Spatial Cognition
3 Credits Weekly (3-0-0)
This course examines how people learn, remember, and use spatial information such as landmarks to navigate effectively. Students will learn how spatial information is represented and processed in the brain, the role of early-life experience, and training (e.g., playing video games). The course will also explore effects of culture, sex differences and individual differences in navigational ability, and why and how people get lost. Although this course is designed to focus on humans, relevant research on non-human animals is also discussed.
Prerequisites: Minimum grade of C- in PSYC 212, and in one of PSYC 258 or PSYC 358.

PSYC 355
Social Cognition
3 Credits Weekly (3-0-0)
This course focuses on how social interaction is mediated by cognitive mechanisms including perception, attention, memory, thinking, judgments, and reasoning. This examination involves reviewing theoretical perspectives (e.g., cognitive, neuroscience, evolutionary) and empirical research on a variety of topics including heuristics, social information processing, social memory, attitudes, attribution, judgement and decision making, interpersonal relationships, and prejudice. Note: Both PSYC 241 and PSYC 258 are recommended as prerequisites.
Prerequisites: A minimum grade of C- in PSYC 258 or PSYC 241.

PSYC 358
Comparative Cognition
3 Credits Weekly (3-0-0)
Cognitive skills and processes differ across species in ways that are functionally significant. This course explores similarities and differences in memory, recognition and discrimination, foraging and tool use, social learning, social intelligence, and communication across a variety of species.
Prerequisites: Minimum grades of C- in PSYC 212 and in either PSYC 281 or PSYC 373.

PSYC 367
Laboratory in Human Perception
3 Credits Weekly (2-1-0)
This course presents a practical introduction to techniques used to measure perceptual performance. Lectures cover advanced topics in sensation and perception with special emphasis on a specific modality such as vision. Students also conduct experiments and complete assignments that introduce practical skills related to perceptual and/or sensory performance measurement.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 267.

PSYC 369
Psychology of Music
3 Credits Weekly (3-0-0)
This course reviews theoretical perspectives and empirical research on the psychology of music. Students explore how people perceive, learn, perform, and respond emotionally to music, and how they process music in the brain. Other topics include the evolutionary origins of music, the use of music for therapeutic purposes, and the effect of music training on non-musical skills.
Prerequisites: Minimum grade of C- in PSYC 104 and 105, and in at least two 200-level PSYC *(*p. 825*).*

PSYC 370
Human Sexuality
3 Credits Weekly (3-0-0)
This course offers a multidisciplinary perspective of human sexuality in a diverse world. Human sexual function is explored from biological and developmental as well as psychosocial and cultural perspectives. There is also a comprehensive discussion of human reproduction and medical aspects of sexual function and dysfunction.
Prerequisites: Minimum grade of C- in at least three 300- or 400- level PSYC *(*p. 825*) courses.*

PSYC 373
Evolution and Human Behaviour
3 Credits Weekly (3-0-0)
This course is an introduction to the study of human behaviour within an evolutionary context. Adaptive physiology, traits, perception, cognition, and other behaviours are explored by examining theories, methods, and results of research from various fields including psychology, anthropology, economics, and biology.
Prerequisites: Minimum grades of C- in two 200-level PSYC *(*p. 825*) courses.*

PSYC 375
Applied Neuropharmacology
3 Credits Weekly (3-0-0)
The course focuses on the mechanisms by which clinical and recreational drugs exert their effects. Students gain an understanding of drug action by examining neuropharmacology at molecular and cellular levels of analysis and exploring major neurotransmitter systems in the CNS (central nervous system). The effects of psychoactive drugs on major nervous system functions such as movement, sleep, and memory are reviewed. The pathogenesis and pharmacological management of major neurological and psychiatric disorders are also discussed.
Prerequisites: Minimum grade of C- in PSYC 275.

PSYC 377
Human Neuropsychology
3 Credits Weekly (3-0-0)
This course is an introduction to changes in behaviour and higher mental processes which result from structural changes to the brain. Through the use of clinical examples, the student becomes familiar with the neuroanatomical correlates of normal and abnormal behaviour in humans. The processes of neuropsychological assessment and diagnosis after insults to the brain is discussed.
Prerequisites: Minimum grade of C- in PSYC 275.

PSYC 378
Laboratory in Brain and Cognition
3 Credits Weekly (3-1-0)
The focus of this course will be on experimental design, hypothesis generation, data analysis and interpretation, scientific report writing, and scholarly communication. Students will gain hands-on experience in each of these areas through the in-depth study of select topics in brain and cognition.
Prerequisites: Minimum grades of C- in PSYC 212, PSYC 275, and one of either PSYC 267 or PSYC 258.

PSYC 385
Introduction to Applied Behaviour Analysis
3 Credits Weekly (3-0-0)
This course examines the ways in which principles of conditioning and learning have been applied to areas of human concern. The basic concepts, specific techniques, and ethical issues involved in the field of applied behaviour analysis are surveyed. Note: Students can only receive credit for one of PSYC 385 and PABA 385.
Prerequisites: Minimum grade of C- in PSYC 281.

PSYC 391
Psychology of Consciousness
3 Credits Weekly (3-0-0)
The course focuses on the relations between the subjective experience of consciousness and the theoretical concepts from a variety of psychological perspectives, including cognitive science, phenomenology, neuropsychology, developmental processes, evolutionary psychology, cross cultural psychology and transpersonal perspectives. Additionally, various experiences of consciousness are considered including sleep, dreams, drug effects, meditation, hypnosis, daydreaming, paranormal experiences, trance states, and near death experiences.
Prerequisites: Minimum grade of C- in PSYC 233 and at least one additional 200-level PSYC *(*p. 825*) course.*

PSYC 398
Independent Study
3 Credits Total (0-0-45)
This course permits a student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student builds academic skills under the direction of a faculty supervisor, to complete a research project or to learn a specialized technique. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 400
Psychology Senior Seminar
3 Credits Weekly (0-0-3)
The Psychology Senior Seminar allows students to integrate and apply the skills and knowledge acquired throughout their earlier training. Students focus on contemporary topics and controversies, including issues relevant to both academic and professional psychologists. Note: This course is required for students completing the Honours program in Psychology. Other Psychology majors who have completed PSYC 312 may request permission to enroll if space is available.
Prerequisites: A minimum grade of C- in PSYC 312 and consent of the department.

PSYC 405
Special Topics in Psychology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a psychology specialization or of a current issue in psychology. The topic for the course varies term to term and topics are posted in the department and on the department website prior to registration. Specific prerequisites for each topic are also posted, and students are advised to check the descriptions prior to requesting permission from the Chair. In general, these topics are suitable for students in the 3rd or 4th year of their studies.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 408
Psychology of Well-being
3 Credits Weekly (0-0-3)
The scientific study of well-being focuses on the nature, development, and impact of thoughts, emotions, behaviours, strengths of character, environments, institutions, and societies that foster well-being and a meaningful life. This course examines historical and theoretical perspectives on the study of well-being and contemporary research on such topics as positive affect, resilience, self-regulation, mindfulness, and positive organizations. It also examines applications of well-being research to clinical psychology, physical health, and other domains.
Prerequisites: A minimum grade of C- in PSYC 212 and at least two 300- or 400-level courses in PSYC (p. 825) .

PSYC 423
Topics in Development
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a topic in developmental psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include the role of parents in development, prenatal development, infancy, adolescence, cognitive development, social development, physical development or ecological theories of development.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 223.

PSYC 431
Psychometrics
3 Credits Weekly (3-0-0)
This course provides an overview of theories, principles, and applications of psychological testing and assessment. The focus is on standardized psychological tests in the areas of intelligence, aptitude, personality, interests, and attitudes and values.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 435
Introduction to Clinical Psychology
3 Credits Weekly (0-0-3)
This course examines the profession of clinical psychology, including topics such as clinical assessment and diagnosis, clinical judgment and decision making, psycho-therapeutic and community interventions, and professional ethics.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 437
Topics in Forensic Psychology
3 Credits Weekly (0-0-3)
In this course, students critically discuss contemporary issues in forensic psychology in a seminar-based format. Material is drawn from both historical and current primary resources, with emphasis on research literature that explores theoretical and empirical approaches to the topic area. Evaluation is largely based on class presentations, participation, and written assignments. Topics vary from year to year, and may include (but are not limited to) psychopathy, deception, eyewitness memory, risk assessment, sexual and violent offenders, mental illness and crime, malingering, and ethical and legal issues in forensic psychology.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 337.

PSYC 438
Psychological Interviewing
3 Credits Weekly (3-0-0)
This course concerns the study and development of professional helping skills. Topics include the helping relationship, interviewing skills, listening skills, confrontation skills, ethical and legal decision-making, and prevention of professional burnout. Please note that a large portion of the course involves role-playing exercises and participation in these exercises counts for a significant portion of one's grade. Note: With consent of the department, PSYC 435 may be permitted as a co-requisite.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 435, and two of PSYC 326, PSYC 377, PSYC 385, PSYC 431, or PSYC 456.

PSYC 439
Psychology Field Placement
3 Credits Weekly (0-0-9)
In this course, students are assigned to a psychologist in a public, private, or non-profit program where they apply their knowledge of abnormal psychology in a supervised field placement. Each student is involved in a project that significantly contributes to the organization's clinical practice (e.g., program manual, guidelines for practice) or to the organization's research endeavours (e.g., evaluation of a service within the program). Notes: This course does not fulfill the 400-level credit requirement of the Psychology Major and Minor. The number of placements may be limited in any given term, and therefore course enrollment will be contingent on the student's grades in the prerequisite courses and on the student's interests and skills. Certain placements may require other course prerequisites or co-requisites, depending on the nature of the placement.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339, and consent of the department.

PSYC 440
Practice of Teaching in Psychology
3 Credits Total (0-0-45)
Students learn the skills and expectations associated with teaching psychology at the university level. They function as a teaching assistant and are mentored by various faculty members in the Department of Psychology. Throughout this course, they attend workshops and lectures on teaching methods, evaluation methods, detecting and deterring academic dishonesty, and ethics associated with the practice of teaching. Students are also expected to lead scheduled tutorial sessions and collaborate with a supervising instructor as well as with a TA coordinator.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 449
Topics in Social Psychology
3 Credits Weekly (0-0-3)
This course offers an in-depth study of a specific topic in social psychology. The theoretical, methodological and applied issues are emphasized. The topic for the course varies year to year and is announced prior to registration. Possible topics include eyewitness testimony, prejudice and discrimination, media influences on aggression, and interpersonal attraction.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 241.

PSYC 456
Cognitive Assessment
3 Credits Weekly (3-1-0)
This course covers the fundamentals of cognitive assessment, including test administration, scoring, interpretation, and report writing. The techniques and tools for evaluating several areas of cognitive functioning including intelligence, attention, memory, language, perception, learning, and complex cognitive processes such as critical thinking, problem solving, and creativity are surveyed. The Wechsler tests (e.g., WAIS-IV, WISC-IV, WPPSI-IV, WASI) and academic achievement measures are highlighted in this course.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 339.

PSYC 467
Special Topics in Perception
3 Credits Weekly (0-0-3)
In this course, students critically discuss contemporary issues in sensation and perception in a seminar-based format. Material is largely drawn from both historical and current primary resources, with an emphasis on research literature that explores links between neural mechanisms and perceptual performance. Evaluation is largely based on class participation and written assignments.
Prerequisites: Minimum grade of C- in PSYC 212 and in PSYC 267 or PSYC 275.

PSYC 473
Advanced Evolutionary Psychology
3 Credits Weekly (2-1-0)
Students examine theory and evidence related to evolutionary psychology as applied to humans and other animals. In addition to analysis of journal articles and other primary sources, students replicate several studies in the laboratory in order to see first-hand some typical research methods associated with the field.
Prerequisites: Minimum grade of C- in PSYC 212 and PSYC 373.

PSYC 475
Comparative Neuroanatomy
3 Credits Weekly (2-1-0)
This is an advanced course in neuroanatomical organization, examining CNS (central nervous system) functions at molecular, cellular, and systems levels. The anatomy and functions of various tract systems and nuclei are compared across species and across levels of the nervous system. Fundamental concepts of nervous system organization, such as principles of neural coding and efficiency in wiring, and columnar organization of the cortex are discussed. The course features a combination of lectures and seminars based on readings of primary empirical literature. This course includes lab work in the gross CNS anatomy of a variety of species.
Prerequisites: Minimum grades of C- in PSYC 212 and PSYC 275 and in two of PSYC 358, PSYC 367, PSYC 375, or PSYC 377; or consent of the department.

PSYC 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits an advanced student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: A minimum grade of C- in PSYC 212 and consent of the department.

PSYC 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is open only to students in the Psychology honours program. Students complete both PSYC 499A and 499B in consecutive terms to attain credit in this course.
Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

PSYC 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is open only to students in the Psychology honours program. Students must complete both PSYC 499A and 499B in consecutive terms to attain credit in this course.
Prerequisites: Minimum grade of C- in PSYC 312 and consent of the department.

SCIE – Sciences

SCIE 010
Science 10
5 Credits Weekly (6-0-0)
Science 10 is based upon the content of Alberta Education's Science 10. Science 10 is intended to prepare students for Chemistry 20, Biology 20 and Physics 20.

SCIE 030
Science 30
5 Credits Total (90-0-0)
Science 30 is equivalent to Alberta Education's Science 30. Topics studied include Circulation, Immunity, Genetics, Acids & Bases, Organic Compounds, Electric & Magnetic Fields, Electromagnetic Radiation, Energy Sources and their impacts on the environment. Students will use technology to develop critical thinking skills and discuss science, technology and society issues.
Prerequisites: SCIE 010 (or equivalent) and MATH 10C (or equivalent) and one of any 20-level science (or equivalent).

SCIE 201
Scientific Process: From Research Questions to Printed Manuscript
3 Credits Weekly (3-0-1)
This course discusses the qualities of competent scientists, research ethics, a multidisciplinary approach to natural sciences and quantitative social sciences, and types of scientific studies. It systematically covers the four broad phases of the scientific process, namely, the planning and preparation phase (defining the research problem, surveying the literature, formulating hypotheses, establishing the research design, and writing a proposal); the data collection phase (in particular, the common principles involved); the data analysis and interpretation phase (concepts in statistical analysis, appropriate selection of statistical analysis tools, and drawing conclusions); and the scientific writing and presentation phase (from first draft to published manuscript).
Prerequisites: Minimum of C- in STAT 151 or STAT 161 and any 100-level science course.

SCMT – Supply Chain Management

SCMT 200
Introduction to Global Supply Chain Management
3 Credits Weekly (3-0-0)
Students learn the importance of logistics and the supply chain processes in a global context. Students investigate in detail the various components and drivers of the supply chain and their requirements which are essential to the competitive success of a company. Topics include an overview of global supply chain and relationships among stakeholders, strategic fit in the supply chain, supply chain drivers (supply management, inventory management, logistics, and information availability), supply chain integration, and supply chain risk management. Contemporary issues and trends in global supply chain management are integrated into the above-mentioned topics.
Prerequisites: BUSN 201 or ORGA 201.

SCMT 205
Introduction to e-Business
3 Credits Weekly (3-0-0)
Students learn both the management and technical skills to design and implement an e-Business platform. Students focus on management issues surrounding web deployment and the alignment of the information technology to corporate strategy. Topics include: hardware and software infrastructure, data storage and retrieval, design and maintenance of the corporate web, marketing, branding, revenue models and risk management. Credit can be obtained in only one of ASCM 205 or SCMT 205.
Prerequisites: BUSN 201.

SCMT 305
Transportation Management
3 Credits Weekly (3-0-0)
Students learn transportation modes (road, rail, water, air, pipeline and multi-modal transportation), their place in the economy, and the regulatory environment in which they operate. Students also study advanced aspects of transportation operations from various perspectives: the carrier's, the shipper's, and the logistics service provider's. Topics include some elements of transportation economics, cost/service characteristics of the transportation modes, selection of carriers and routes, use of third party logistics (3PL), terminal services, freight consolidations, shipping schedules, information/ documentation flows, and transportation risk management. The focus is on the transportation contract and carrier-shipper relationships within global as well as domestic supply chain context. Credit can be obtained in only one of ASCM 305 or SCMT 305.
Prerequisites: ECON 102.

SCMT 307
Principles of Quality Management
3 Credits Weekly (3-0-0)
Students develop theoretical understanding and skills that will allow them to use Quality Management principles as a way to maintain excellence in production and service organizations. Students study a number of quality-related philosophies and frameworks, and will further examine how an effective focus on customers, people, processes, leadership, and product design can contribute to quality and ultimately to sustained success. The course will also examine the use of problem-solving tools and statistical approach to continuously improve quality while maintaining a supply chain focus throughout.
Prerequisites: MARK 301, MGTS 103, and SCMT 200.

SCMT 320
Supply Chain Resource Planning
3 Credits Weekly (3-0-0)
Students explore contemporary as well as traditional approaches to resource planning and scheduling in the supply chain. Students evaluate operations processes such as make-to-stock, assemble-to-order, and make-to-order systems. Students examine modules in supply chain planning, scheduling, and resource allocation using various applications and discuss ways to improve supply chain resource planning and scheduling system. Credit can be obtained in only one of ASCM 302 or SCMT 320.
Prerequisites: MGTS 352 and MSYS 200.

SCMT 322
Business Logistics Management
3 Credits Weekly (3-0-0)
Students study logistics systems and strategy with a focus on distribution from production to consumer. Topics include: alignment between business and logistics strategy; performance measurement; distribution network design and facility location; warehousing and materials handling systems; inventory management; transportation and delivery route planning; the use of third-party logistics providers (3PLs); and select topics related to environmental sustainability (such as extended producer responsibility and collection logistics).
Prerequisites: MGTS 352.

SCMT 324
Procurement and Supply Management
3 Credits Weekly (3-0-0)
Students build on business knowledge to explore key concepts of corporate procurement and supply management and to further utilize skills in business negotiations. The course introduces the role of procurement and supply management within the context of an organization's operations and proceeds to assess its alignment with the overall supply chain strategy. The course discusses the importance of supply management and business negotiations in developing and fostering contractual relationships and strategic alliances with suppliers in the global supply network. Credit can be obtained in only one of ASCM 203 or SCMT 324.
Prerequisites: SCMT 200.

SCMT 403
Supply Chain Coordination and Risk Management
3 Credits Weekly (3-0-0)
Students integrate the practice and theory of advanced topics in supply chain management. Students analyze comprehensive case studies and develop both general and specific approaches to attain supply chain integration under business settings defined by risks and dynamics at both local (national) and global levels. Students expand and apply knowledge in global supply chain management as they aim to gain insights into the essence of balancing coordination efforts and risk management. Topics include: alignment of supply chain strategy to corporate strategy, logistics network design, managing variation and risk along the supply chain, supply chain coordination, risk management, and disaster and humanitarian supply chain. Credit can be obtained in only one of ASCM 403 or SCMT 403.
Prerequisites: SCMT 320.

SCMT 407
Global Sourcing and Logistics
3 Credits Weekly (3-0-0)
Students expand and apply their knowledge of global sourcing, transportation, and logistics in an international setting. The course covers strategic and operational logistics decisions surrounding global sourcing. Topics include planning of international sourcing, international transportation and logistics, international commercial (INCO) terms and payment mechanisms, and tariff treatments and import documentation. Credit can be obtained in only one of ASCM 407 or SCMT 407.
Prerequisites: SCMT 305 and SCMT 324.

SCMT 408
Business Negotiations and Supplier Management
3 Credits Weekly (3-0-0)
Students utilize their knowledge and skills in business negotiations and supplier management to plan and execute negotiations in order to facilitate the development of strategic alliances and partnerships within the supply chain. Topics include business negotiation, strategic sourcing and alliances, process development and maintenance, supplier management and assessment, and competitive bidding. Credit can be obtained in only one of ASCM 408 or SCMT 408.
Prerequisites: SCMT 324, LEGL 210, and ORGA 201.

SCMT 425
Supply Chain Process Management
3 Credits Weekly (3-0-0)
Students develop the knowledge and tools for design, improvement, and integration of supply chain processes within an organization and among business partners. Through use of a supply chain operation reference (SCOR) model, supply chain mapping, and simulation tools, students are able to analyze and integrate collaborative supply chain processes based on best practices. Topics include supply chain improvement projects, business process re-engineering and integration, lean operations and process flow management, six-sigma quality programs, flow variability and process capability, supply chain performance measurements, and bench marking supply chain processes against world class companies.
Prerequisites: SCMT 307, SCMT 320, SCMT 322, SCMT 324.

SCMT 497
Special Topics in Supply Chain Management
3 Credits Weekly (0-0-3)
This course involves reading, discussing and critically evaluating current research on specialized topics of interest to senior students in the Bachelor of Commerce. Topics covered vary with the interests of students and faculty and may include an applied field research component in business, government or community. Students should consult with faculty members in the Department of Decision Sciences and Supply Chain Management for details regarding current offerings. This course can be taken twice for credit.
Prerequisites: Minimum of C- in one 300 level SCMT *(*p. 831*) course and consent of the department chair or designate.*

SCMT 498
Independent Studies in Supply Chain Management
3 Credits Weekly (0-0-3)
In consultation with, and supervised by, a member of the department or an approved professional in the community, a senior student undertakes advanced scholarly work related to the field of supply chain management. The faculty member guides the student in designing and undertaking this work, using appropriate assumptions and methods to arrive at warranted conclusions and outcomes that will advance supply chain management knowledge or practice or create meaningful results. Note: This course may be taken twice for credit.
Prerequisites: Consent of the course instructor and the department chair.

SOCI – Sociology

SOCI 100
Introductory Sociology
3 Credits Weekly (3-0-0)
This course consists of an analysis of the nature of society, the interrelationships of its component groups, and the processes by which society persists and changes. Society is analyzed in terms of its structure and culture, interrelationships between various institutions (e.g. family, religion, school, government) and the process whereby an individual is socialized into society.

SOCI 201
Canadian Society
3 Credits Weekly (3-0-0)
This course analyzes major dimensions of Canadian Society including ethnic diversity (through historical immigration), Indigenous rights, the evolution of Quebec nationalism, the economic, political and cultural dominance of the USA, multinational/transnational corporate control, and globalization. Regional differences within the country are also discussed (e.g. state policy, uneven development, and elite control) as well as the sustainability of Canadian nationalism. Note: Credit can only be obtained for one of SOCI 101 and 201.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 215
Introduction to Social Research Methods
3 Credits Weekly (3-0-0)
This course is an introduction to social science research. Social research methods are techniques used to obtain information that answers questions about the social world. This course covers different ideas of how we know (epistemology) and different approaches to research (methodology). Key ethical considerations in social science research will be explored. This course introduces both quantitative and qualitative methods for collecting data. Restricted to Sociology majors or with permission of the Department of Sociology.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 224
Deviance and Conformity
3 Credits Weekly (3-0-0)
This course is an introduction to the study of deviance, conformity, and social control. The course will explore processes and factors which influence the definition of deviance and conformity. Theory and research on a wide range of specific topics will be analyzed, and may include topics such as sexuality, addiction, religion, youth, mental disorder, and physical appearance.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 225
Criminology
3 Credits Weekly (3-0-0)
Criminology is the search for and explanation of general patterns or regularities characterizing the law-breaking behaviour of individuals. The course is an introduction to the sociological study of crime and a critical appraisal of theoretical explanations and methods of conducting research.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 227
The Canadian Criminal Justice System
3 Credits Weekly (3-0-0)
This course emphasizes the three components of the criminal justice system: police, courts, and corrections. Specifically, the course examines the roles and functions of the police, the evolution of law and public policy, models and templates of justice, the procedural court processes, as well as research dedicated to reforming our community and institutional based correctional system. Note: This course was previously numbered SOCI 327. Students can receive credit for only one of SOCI 327 or SOCI 227.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 232
Classical Sociological Theory
3 Credits Weekly (3-0-0)
This course provides an in-depth analysis of the emergence and development of classical perspectives on society and human nature, as well as on the social changes brought by modernity. Emphasis is placed on the sociological theories of important figures such as Karl Marx, Emile Durkheim, and Max Weber, although the contributions of others may be discussed. Social theories are compared and assessed in terms of issues such as the following: the individual versus society; idealism versus materialism; and conflict versus consensus. Note: Credit can only be obtained for one of SOCI 232 and SOCI 332.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 237
Media and Society
3 Credits Weekly (3-0-0)
This course addresses the multidimensional relationship between changing media technologies and society. Students critically examine the ways that legacy media, digital media, and information technologies are intertwined with other social institutions and processes. Students analyze the many facets of media such as their roles in interpersonal relationships and understandings of self; their embeddedness in the everyday workings of education, family, government, healthcare and the economy; the way they are used to reproduce dominant ideologies and social inequality; and the way they facilitate social change and resistance.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 241
Social Psychology
3 Credits Weekly (3-0-0)
This course provides an introduction to the study of a variety of individual and group behaviours observed in social processes. In addition to addressing the nature of social psychological research, this course covers an array of topics including social cognition, social perception and the power of social influence. Furthermore, the course explores the development and processes of self-knowledge, self-evaluation, attitude formation, deindividuation, groupthink as well as other facets of social psychology. Note: SOCI 241 and PSYC 241 may not both be taken for credit.
Prerequisites: Minimum grade of C- in SOCI 100 or PSYC 104 or PSYC 105.

SOCI 251
Population and Society
3 Credits Weekly (3-0-0)
This course examines population trends and problems in Canada and the rest of the world; social and cultural factors underlying fertility, mortality, and migration patterns, urbanization, population explosion, population theory, and policy concerns.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 261
Social Inequality
3 Credits Weekly (3-0-0)
This course explores the structures and institutions within which people reside and which determine systems of social inequality. Students examine the ways in which people in particular social groups have power over those in other social groups. Issues of racism, sexism, sexuality and income inequality among other social inequalities are central to this course. The emphasis will be on Canada, but literature from other countries may be included. Students cannot receive credit for SOCI 261 and SOCI 361.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 269
Globalization and Canadian Society
3 Credits Weekly (3-0-0)
This course introduces students to the processes and implications of globalization within a Canadian and international context. It emphasizes the key organizations and institutions at the centre of contemporary globalization, the implications of globalization in relation to political, economic, socio-cultural, ecological and ideological relations, and the role of globalization in the opportunities and constraints felt by individuals in society.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 271
Introduction to the Family
3 Credits Weekly (3-0-0)
This course is a survey of sociological perspectives on, and research into families. While the emphasis is on current trends and institutional characteristics in Canada, marriage and families are examined in the context of cross-cultural and historical elements.
Prerequisites: Minimum grade of C- in SOCI 100.

SOCI 290
Introduction to the Sociology of Health and Illness
3 Credits Weekly (3-0-0)
This course addresses sociological approaches to the study of health and illness, including relevant theoretical frameworks. Specifically, it details the social determinants that affect a person's ability to create and sustain health, and examines the social inequalities of health, illness, and healthcare in Canada. This course also examines contemporary issues in the sociology of health and illness, including medicalization, the framing of health as a personal responsibility, and the corporate influences of illness. Moreover, it critiques the biomedical frameworks that underpin contemporary western notions of health and illness.
Prerequisites: A minimum grade of C- in SOCI 100.

SOCI 301
Sociology of Gender and Sexuality
3 Credits Weekly (3-0-0)
This course analyzes some of the social constructs of gender and sexuality in Canadian society. It looks historically at changing beliefs and practices regarding gender and sexuality as well as cross-culturally to analyze differences and similarities among cultural groups. The course pays particular attention to agents of gender and sexual socialization including but not limited to work, sport, health, and the media.
Prerequisites: Minimum grade of C- in at least one 200-level SOCI *(*p. 832*) course.*

SOCI 302
Current Issues in Sociology
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to contemporary sociology. The topic for the course varies and is announced prior to registration. This course may be taken up to three times provided the course topic is different.
Prerequisites: A minimum grade of C- in any 200-level SOCI *(*p. 832*) course.*

SOCI 303
Contemporary Issues in Criminology
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to contemporary criminology. The topic for the course varies and is announced prior to registration. Students can take this course up to three times, provided the topic is different.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 304
Current Issues in Family, Youth and Diversity
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to contemporary sociology, particularly focused on issues pertaining to family, youth, or diversity. The topic for the course varies and is announced prior to registration. This course may be taken up to three times provided the course topic is different.
Prerequisites: A minimum grade of C- in SOCI 271, SOCI 261, or SOCI 361; course instructors may have additional prerequisite requirements.

SOCI 310
Introduction to Social Statistics
3 Credits Weekly (3-0-0)
This course introduces students to the varied applications of statistics in sociological research. The key principles behind statistical techniques and the rationales for choosing between them are addressed. In this course, students learn the basic statistical concepts associated with both descriptive and inferential statistics including the following: central tendency, dispersion, frequency distributions, bar charts, group mean differences, correlation and regression. Interpretation of statistical results is an integral component of the course.
Prerequisites: A minimum grade of C- in SOCI 215 or SOCI 315.

SOCI 318
Introduction to Qualitative Research Methods
3 Credits Weekly (3-0-0)
In this course, students learn to investigate the social world using a variety of qualitative research approaches. Students explore the principles underlying qualitative inquiry and acquire a general understanding of the theoretical positions that underlie qualitative methodologies. Students explore the strengths and limitations of various approaches, develop the skills to design a qualitative research project, gather qualitative data, and begin to analyze qualitative research.
Prerequisites: A minimum grade of C- in SOCI 215.

SOCI 320
Crimes of Power
3 Credits Weekly (3-0-0)
Crimes of power encompasses the role of individuals and/or groups that work collaboratively to exert power and/or attain monetary benefits. This course builds on the premise that crime evolves and flourishes under the appropriate economic, political and social conditions which may cross borders. This course uilizes a comparative and international approach to defining and recognizing the scope of crimes of power. Discussions may include how gang activity, cybercrime, political activism/terrorism, arms/drug/human trafficking evolve within both a local and global context.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 321
Youth, Crime and Society
3 Credits Weekly (3-0-0)
This course is a survey of the understanding and treatment of youth in the Canadian criminal justice system. It examines the nature, extent and regulation of youth crime in Canada as well as historical and contemporary youth justice.
Prerequisites: Minimum grades of C- in SOCI 225 and one of SOCI 227 or PSSC 121.

SOCI 323
Critical Criminology
3 Credits Weekly (3-0-0)
Critical criminology is a broad umbrella term for a wide variety of scholars, theories, and topics. The unifying feature of this branch of criminology is the attention paid to power, social inequality and social justice. Critical criminologists argue that we live in a society marked by numerous inequalities, including class, race, and gender. They examine how the criminal justice system and criminology itself reflect, reinforce, and compound these inequalities. This course covers critical criminology theory and research, with a particular focus on contemporary work being done by Canadian scholars.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 325
Restorative Justice
3 Credits Weekly (3-0-0)
This course is an introduction to the practice of restorative justice. It describes the theory and history of restorative justice as well as the challenges restorative justice poses to conventional forms of justice. The course uses a sociological lens to examine both the strengths and weakness of this approach.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 326
The Charter of Rights and Freedoms
3 Credits Weekly (3-0-0)
The rights contained in the Canadian Charter of Rights and Freedoms are violated daily, especially for members of minority and marginalized communities. Nonetheless, Canada is consistently viewed as a world leader in human rights protection domestically and globally. This contradiction rightly calls for socio-legal analyses of the Charter's impact on the criminal justice system in Canada. This course critically appraises how the Charter protects and/or constrains both individual members of society as well as the agencies of criminal justice (police, courts, corrections). The operation of the Charter since its inception is placed in historical and social context using a case study approach. Supreme Court decisions and academic articles on topical societal issues (free speech, sex work, abortion, etc.) allow for critical discussions about the difference between rights in theory and rights in practice under the Charter.
Prerequisites: A minimum grade of C- in SOCI 225 and SOCI 227.

SOCI 328
Victimology
3 Credits Weekly (3-0-0)
The course takes a comprehensive look at the incidence and prevalence of victimization in Canada. This includes examining the evolution of legislation and public policy that advocate for the protection of victims of crime. In particular, the course will use an interdisciplinary framework to introduce students to the criminal event with a priority and focus on the victim, rather than the offender.
Prerequisites: Minimum grade of C- in SOCI 225 and SOCI 227.

SOCI 329
Sociology of Law
3 Credits Weekly (3-0-0)
This course examines conceptual, practical and philosophical relationships between law and society. The key emphasis is on processes by which legal rules are created, maintained and changed, and law as an instrument of social control and change.
Prerequisites: Minimum grades of C- in SOCI 225 and SOCI 227.

SOCI 333
Contemporary Sociological Theory
3 Credits Weekly (3-0-0)
This course follows the continued development of sociological theorizing since the mid-20th century. Theoretical perspectives to be analyzed may include symbolic interactionism, dramaturgy, neo-functionalism, critical theory, world systems theory, feminist theories, poststructuralism, postmodernism, cultural theory, post-colonial and anti-racist theories, and more. The application of these theories to contemporary critical debates and societal issues is emphasized.
Prerequisites: A minimum grade of C- in SOCI 232.

SOCI 362
Organization of Work
3 Credits Weekly (3-0-0)
This course explores the meaning and organization of work, with a specific focus on Canada. Areas covered include properties of work organization (division of labour and specialization), technology and working knowledge, and social inequality that results from a polarized labour force.
Prerequisites: A minimum grade of C- in at least one 200-level SOCI *(*p. 832*) course.*

SOCI 363
Mental Health and Society
3 Credits Weekly (3-0-0)
This course offers a sociological approach to the study of mental health and illness. Topics may include: sociological theories of mental health and illness, the organization of the Canadian mental health system, medicalization, power and the medical model, the pharmaceutical industry, and mental health social movements. Topics are examined through historical, legal and theoretical approaches and students are encouraged to work beyond the conceptualization and treatment of mental illness in the fields of psychology and psychiatry.
Prerequisites: A minimum grade of C- in any 200-level course in SOCI *(*p. 832*).*

SOCI 368
Race and Ethnic Relations
3 Credits Weekly (3-0-0)
This course examines the social construction of race and ethnicity, and the causes and effects of racial and ethnic inequalities in Canada and other nation-states. The historical, political, and social impacts of race and ethnic relations are explored in a global context, with an emphasis placed on how these relations impact national identities. Topics that are covered in this course may include the following: formation of ethnic and racial identities, theories of racialization, racism and white privilege, immigration trends and policies, multiculturalism, and national identity formations.
Prerequisites: Minimum grade of C- in any 200-level SOCI *(*p. 832*) course.*

SOCI 375
Citizenship and Identity
3 Credits Weekly (3-0-0)
Society has been confronted with questions relating to citizenship and identity either as a response to or a product of contemporary globalization. This course examines the history of citizenship and identity and their contemporary manifestations in both the Global North and South. Of particular importance is the theoretical and practical contestations as well as consequences of citizenship and identity for specific ethnic groups in an era of globalization.
Prerequisites: A minimum grade of C- in a 200-level SOCI *(*p. 832*) course.*

SOCI 377
Youth, Culture and Identity
3 Credits Weekly (3-0-0)
This course focuses on the comparative analysis of youth in various types of societies, with special emphasis on Canada. Analysis includes investigation of the ways in which youth experiences and identities are embedded within a network of social structures, social interactions, and cultural characteristics.
Prerequisites: A minimum grade of C- in a 200-level SOCI *(p. 832) course.*

SOCI 387
Religion, Culture and Society
3 Credits Weekly (3-0-0)
This course examines the relationships between religion, culture and society from a number of sociological, historical and comparative perspectives. The course addresses a variety of topics including the following: defining religion, individual and collective meanings, identity, conversion, religious authority and leadership, religious pluralism, alternative religions, apocalypticism, religious fundamentalism and secularism.
Prerequisites: A minimum grade of C- in a 200-level SOCI *(p. 832) course.*

SOCI 393
Politics and Social Change
3 Credits Weekly (3-0-0)
This course explores the process of social change, focusing on how institutions shape and are shaped by collective organization in an effort to bring about social change. Social change is broadly defined to include economic, political, environmental, and technological change. Students examine a variety of groups pursuing social change and their relationship to key social institutions, such as the media and the state.
Prerequisites: Minimum grade of C- in a 200-level course in SOCI *(p. 832).*

SOCI 395
Sociological Field School
6 Credits Total (15-0-75)
Using sociological theories, concepts and research methods, students study a social issue of global relevance in a country other than Canada. Over the course of the field school, students meet and collaborate with Canadian agencies and institutions as well as agencies, institutions, faculty and students in another country. The course provides students with the opportunity to travel to another country and compare its laws, policies, culture and social practices with Canada. Note: This course combines lectures with experiential learning opportunities in an international setting. Students are expected to attend and participate in pre-departure lectures at MacEwan University as well as travel to and attend lectures delivered in another country. Acceptance into the field school is competitive and subject to an application process.
Prerequisites: Third year or more standing and consent of the Department; Students with a minimum grade of C- in at least one 300 level Sociology course will be given preference.

SOCI 398
Independent Study
3 Credits Total (0-0-45)
This course offers an intermediate-level student the opportunity to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

SOCI 400
Senior Seminar
3 Credits Weekly (0-0-3)
A capstone course is one in which students synthesize and apply the knowledge they have acquired in theory, methodology, and substantive subject-matter, in preparation for advanced education or entry into professional careers. In Sociology, this synthesis of knowledge reflects the "sociological imagination" (C. Wright-Mills, 1959) - the ability to recognize the interplay between individual experiences and public issues. In this course, students use their sociological imaginations in self-directed analyses of current societal issues, social problems, or controversies, building a body of diverse work that illustrates the knowledge and skills they will be carrying into their future educational, professional, and/or individual roles within a dynamic, multicultural society.
Prerequisites: Minimum grade of C- in a 300-level SOCI *(p. 832) course and consent of the department (Note: Preference will be given to students in the SOCI major and the Honours program).*

SOCI 402
Special Topics in Sociology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in sociology. The topic for the course varies from year to year and is announced prior to registration. Possible topics include the following: sport and gender, sociology of aging, sociology of religion, sociology of health and illness, critical media studies, race and racism, and sociology of globalization.
Prerequisites: A minimum grade of C- in a 300-level SOCI *(p. 832) course; individual instructors may require specific prerequisites.*

SOCI 403
Special Topics in Criminology and Criminal Justice
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in criminology. The topic varies and is announced prior to registration. Possible topics include youth and crime, comparative criminology, substance use, issues around mental illness, and the effects of race/ethnicity within the context of the Canadian criminal justice system. Students can take this course up to three times so long as the topic is different.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 416
Quantitative Research Methods
3 Credits Weekly (3-0-0)
This course examines quantitative research methods in Sociology. Topics covered include: advanced measurement and design issues, probability sampling issues, ethical issues, systematic observation, survey construction, experimental design, secondary analysis of existing information, and unobtrusive measures. Restricted to Sociology Majors or with the consent of the Sociology Department.
Prerequisites: Minimum grade of C- in SOCI 310 and SOCI 315.

SOCI 418
Qualitative Research Methods
3 Credits Weekly (3-0-0)
This course examines qualitative research methods in Sociology. Topics covered may include: designing qualitative research, ethical issues, interviews, focus groups, ethnography, action research, unobtrusive measures, case studies, content analyses, and the use of triangulation in research.
Prerequisites: Minimum grade of C- in SOCI 315 or (with consent of the instructor) PSYC 212.

SOCI 421
Sociology of Punishment
3 Credits Weekly (0-0-3)
This course is an examination and explanation of the historical and contemporary social underpinnings of punishment and the criminal justice system. Topics may include: the social and historical context of punishment; the rationale, principles and goals of sentencing; and current trends in Canadian corrections.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 422
Indigenous Peoples and Justice
3 Credits Weekly (3-0-0)
The course is a survey of the involvement of Indigenous peoples as offenders, victims and service providers in the Canadian criminal justice system at a variety of levels, including policing, courts, corrections, and aftercare. Special attention is given to the ways that Canadian law and the criminal justice system are established through settler-colonial governing practices and how this shapes the ways in which justice and inequality are experienced by Indigenous peoples.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 424
Advanced Topics in Deviance, Normality and Social Control
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a specific topic or current issue related to deviance, normality and social control. The topic for the course varies year to year and is announced prior to registration. Possible topics include the following: sociology of alcohol; youth subcultures; medicalization of deviance; mass media and social control; sexuality; power and popular music; cults; alternative beliefs; and genetic science, deviance, and social control.
Prerequisites: Minimum grades of C- in SOCI 224 and a 300-level SOCI (p. 832*) course or consent of the department.*

SOCI 428
Police and the Community
3 Credits Weekly (0-0-3)
This course examines current issues impacting police services and the citizens they serve. This includes the situational aspects of police-citizen interactions which explain how discretion leads to disparities and potential discrimination.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 429
Criminal Law and Sentencing
3 Credits Weekly (0-0-3)
The seminar explores the practice of jurisprudence within the Canadian criminal courts highlighting the subsequent disparities of charging and sentencing. Practitioners' ethics and evidentiary rules of law will provide a context to the decision-making factors within criminal court cases. Utilizing the various forms of legal interpretation as paradigms within the course will provide clarity on the evolution of legislation and public policy.
Prerequisites: Minimum grades of C- in SOCI 227 or SOCI 327 and one of SOCI 303, SOCI 320, SOCI 321, SOCI 323, SOCI 325, SOCI 328 or SOCI 329.

SOCI 430
Gender, Crime, and Social Justice
3 Credits Weekly (0-0-3)
This course critically examines key concepts, issues, and debates regarding gender, crime, and social justice. The key focus is on the study of women, crime, and criminalization and exploring the implications of crime as a gendered phenomenon. Topics include theories and approaches to female crime, the treatment of women as offenders and victims by the criminal justice system, imprisonment, and intersectional inequalities.
Prerequisites: Minimum grades of C- in SOCI 225 and either SOCI 301 or GEND 219.

SOCI 449
Advanced Topics in Social Psychology
3 Credits Weekly (0-0-3)
This course provides an in-depth study of two or three central topics in social psychology. The theoretical, methodological and applied issues in the selected areas are emphasized. The topics for the course vary from year to year and are announced prior to registration. Possible topics include social cognition, social perception, interpersonal attraction, social psychology and health, and social psychology and the environment.
Prerequisites: Minimum grade of C- in at least one 300-level SOCI (p. 832*) course and a minimum grade of C- in SOCI 241 or PSYC 241 or consent of the department.*

SOCI 461
Advanced Topics in Social Inequalities
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a selected topic in sociology, pertaining to social inequalities. The topic for the course varies from year to year and is announced prior to registration. Possible topics include theories of racism; migration, borders, and citizenship; education and social inequalities; poverty and wealth; food precarity; gender and identities; etc.
Prerequisites: A minimum grade of C- in one of SOCI 301, SOCI 261, SOCI 361, or SOCI 368.

SOCI 463
Advanced Topics in Canadian Society
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a topic in Canadian Society. The topic for the course varies from year to year and will be announced prior to registration. Possible topics include colonialism and the historical development of Canada, regionalism, ethnicity and gender inequities, free trade issues, multinationals and globalization, capitalism, government policy, and/or issues relating to Canadian identity. This course can be taken up to three times provided the topic is different.
Prerequisites: A minimum grade of C- in at least one 300-level SOCI (p. 832*) course.*

SOCI 470
Advanced Topics in the Sociology of Families
3 Credits Weekly (0-0-3)
This course provides an in-depth study of selected topics in the sociology of families. The topic for the course varies from year to year and is announced prior to registration. Possible topics include the following: gender and family, comparative family systems, intimate family relationships, deviance and family, and family policy.
Prerequisites: Minimum grades of C- in SOCI 271 and a 300-level SOCI (p. 832*) course or consent of the department.*

SOCI 477
Advanced Topics in Youth
3 Credits Weekly (0-0-3)
This course provides an in-depth study of a specific topic or current issue related to the sociology of youth. The topic for the course varies year to year and is announced prior to registration. Possible topics include the following: youth subcultures; comparative youth systems; youth and inequality; youth substance use; music and youth culture; and youth, media, and information technologies.
Prerequisites: A minimum grade of C- in SOCI 377 or consent of the department.

SOCI 490
Sociology of Food and Nutrition
3 Credits Weekly (0-0-3)
This course provides an in-depth study of the sociology of food and nutrition. It analyzes socio-cultural, political, economic and philosophical factors that influence contemporary food production, distribution, and consumption. This course explores topics including but not limited to world hunger, environmental and ecological sustainability, government-issued dietary advice, food labelling, and eating disorders. An intersectional approach will be used to examine forms of social marginalization as it relates to cultural constructions of healthful eating. Conceptualizations between food and health will be moved outside of biochemical and nutricentric understandings of nutrition towards those framed within the macro structures of colonialism, patriarchy, neoliberalism, and capitalism. Food-related social movements will also be explored.
Prerequisites: Minimum grades of C- in SOCI 290 and a 300-level SOCI (p. 832)*, or consent of the department.*

SOCI 496
Independent Research Proposal
3 Credits Total (0-0-45)
This course offers senior-level students the opportunity to work with an instructor to design an empirical research project in an applied or non-applied setting, and prepare a research proposal for that project. Students learn to formulate research questions, select an appropriate methodology, plan specific procedures for data collection and analysis, prepare a research proposal, and if required, submit a research ethics proposal. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the project.
Prerequisite: A minimum grade of C- in SOCI 315 and consent of the department.

SOCI 497
Independent Research Project
3 Credits Total (0-0-45)
This course offers senior-level students the opportunity to work with an instructor to conduct an empirical research project in an applied or non-applied setting. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the project.
Prerequisite: A minimum grade of C- in SOCI 315 and consent of the department.

SOCI 498
Advanced Independent Study
3 Credits Weekly (0-0-0)
This course offers a senior-level student the opportunity to work with an instructor to conduct a critical or theoretical analysis of the existing literature on a specific topic. The student plans, executes and reports the results of the critical or theoretical analysis under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise the project.

SOCI 499A
Honours Thesis I
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical or theoretical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to, and required of, students in the final year of the Honours Sociology program. Students must complete both 499A and 499B in consecutive terms in order to receive a credit in this course.
Prerequisites: Consent of department.

SOCI 499B
Honours Thesis II
3 Credits Total (0-0-45)
Under the direction of a faculty member, students conduct an empirical or theoretical research project culminating in the Honours Thesis and formal presentation of research findings. Note: This course is restricted to, and required of, students in the final year of the Honours Sociology program. Students must complete both 499A and 499B in consecutive terms in order to receive a credit in this course.
Prerequisites: Consent of department.

SOST – Social Studies

SOST 020-1
Social Studies 20-1
5 Credits Total (90-0-0)
Students will explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international, and global relations.

SOST 030-1
Social Studies 30-1
5 Credits Weekly (6-0-0)
Students are introduced to the complexities of ideologies. This includes the study of the origins of ideologies and their influences on regional, international, and global relations. Examining various political and economic systems will allow students to assess the viability of the principles of liberalism.
Prerequisites: SOST 020-1 or equivalent.

SOWK – Social Work

SOWK 101
Social Work Philosophy and Ethics
3 Credits Weekly (3-0-0)
This course is an introduction to the social work profession. The course examines the philosophical, ethical and historical foundations of social work. Social work practice is explored within the context of contemporary social problems and equity, diversity and inclusion concerns in Canada. The course reviews central social work theoretical and practice principles with an emphasis on social justice practices. Students reflect on how their own ethics, values and beliefs contribute to their professional use of self and development of their social work identity.

SOWK 102
Introduction to Social Work Practice and Relationships with Indigenous Peoples
3 Credits Weekly (3-0-0)
This course is an introduction to social work practice and relationships with Indigenous peoples. The course critically examines historical policies and events that have shaped colonial-settler-Indigenous relationships within Canada and globally. Social work practice with Indigenous peoples, in light of historical policy and events, are critiqued, with the intention to confront past social work harms perpetrated against Indigenous peoples and to look forward to contemporary collaborative and just relationships with Indigenous peoples. Indigenous social work skills for micro, mezzo, and macro practice are examined.

SOWK 105
Field Placement
4 Credits Total (0-0-240)
The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.

SOWK 110
Social Work Practice Methods I
3 Credits Weekly (3-0-0)
This course introduces students to social work practice methods and the effective use of skills in their practice. Social work philosophy, values, ethics, and practice skills are examined in the context of professional practice. Social work practice theory including ecological systems and structural models of practice, life stage development, and a strengths-based perspective are examined. Students apply the four stages of an effective interview: the preliminary phase; the beginning phase; the work phase and the ending phase. The course focuses on assisting students to develop awareness of cultural issues and skills in social work practice.
Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102.
Co-requisites: SOWK 115.

SOWK 111
Social Work With Families
3 Credits Weekly (3-0-0)
This course is designed to offer students knowledge and insight into the dynamics of families from a social work perspective. Students examine their families of origin to gain insight into personal attitudes and values. This course helps students develop the knowledge and skills to provide basic services to families in a supportive role. Students examine family systems theory, communication and relationship processes in families, family development and life cycle theory, family strengths and resilience, and cultural aspects of family processes. Students learn to identify family strengths and to provide support to enhance positive family functioning.
Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102.

SOWK 112
Social Work With Children and Adolescents
3 Credits Weekly (3-0-0)
This course examines child and adolescent developmental life stages, prenatal to adolescence. Students explore lifespan development theory, tasks, needs and issues from a Social Work perspective. Specific emphasis is placed on: understanding the physical, emotional, psychological, sexual, moral and social processes for the child; understanding the needs and responsibilities of parents at each stage of child and adolescent development; critiquing society's roles and reactions to the needs of children, parents, and families; and, describing the nature of social work intervention in each developmental stage and the implications for social policy. Cross cultural aspects of lifespan development are explored.
Prerequisites: Minimum grade of C- in SOWK 101 and SOWK 102.

SOWK 115
Field Placement
4 Credits Total (0-0-240)
The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.
Prerequisites: SOWK 105.
Co-requisites: SOWK 110.

SOWK 201
Group Work
3 Credits Weekly (3-0-0)
This course is designed to develop specific group work skills, an appreciation of the impact of groups, and a recognition of the appropriate use of groups in the social work field. It examines the components of the group process and develops skills in organizing and facilitating groups. Focus is on increasing students' awareness of their own interaction in groups and on demonstrating their ability to use effective social work skills with groups. The students have an opportunity to integrate the theoretical concepts with actual experience by participating in and leading group sessions.
Prerequisites: Minimum grade of C- in SOWK 110, SOWK 111 and SOWK 112.

SOWK 202
Social Work Practice Methods II
3 Credits Weekly (3-0-0)
This course builds on social work practice theory and skills introduced in Social Work Practice Methods I (SOWK 110). Students learn an organized approach to problem solving, including: social work assessment, establishing short and long term goals, implementation of change strategies, and evaluation of their work. Students are encouraged to adopt a strengths-based approach to practice recognizing the social, political, and cultural context of their clients' lives. Discussion of theoretical concepts and experiential learning in the classroom helps students develop and enhance their social work practice skills and articulate a professional model of practice. Students also learn to document their work with clients.
Prerequisites: Minimum grade of C- in SOWK 110 and SOWK 111.
Co-requisites: SOWK 205.

SOWK 203
Mental Health, Trauma and Addictions
3 Credits Weekly (3-0-0)
This course provides students with an introduction to mental health, trauma and addictions from a social work perspective. Drawing on a competency-based approach to practice, students examine: the history of the treatment of the mentally ill; definitions of mental illness and mental health; common disorders encountered in practice; substance abuse and concurrent disorders; causative factors of mental illness including the role of trauma; factors that promote mental health; mental health assessments; treatment approaches and resources within the community; and mental health legislation and policy. Students explore their own values, ideas and experiences related to mental health, trauma and addiction and develop sensitivity to cultural issues in defining and treating mental health problems. Specific attention is focused on the role of social workers in the delivery of mental health services.
Prerequisites: Minimum grade of C- in SOWK 110, SOWK 111, and SOWK 112 plus Minimum grade of D in PSYC 104.

SOWK 204
Social Policy and Anti-Oppressive Practice
3 Credits Weekly (3-0-0)
This course is designed to help students become critically aware of the economic, social and political environment within which they practice social work. The course examines the process by which social policy is developed in Canada and encourages reflection on the ways social workers are influenced by and in turn can influence that process. Students are invited to examine their own values as well as some dominant ideologies and assumptions present within Canada today. Opportunities are provided for students to enhance their understanding of a range of contemporary social issues of particular relevance to the social work profession. A strong theme developed throughout the course is that of understanding the nature of structural and anti-oppressive social work practice.
Prerequisites: SOWK 101, SOWK 102, SOWK 110, SOWK 111, ENGL 102, and one of ENGL 103, ENGL 104 and ENGL 105.

SOWK 205
Field Placement
4 Credits Total (0-0-240)
The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.
Prerequisites: SOWK 115.
Co-requisites: SOWK 202.

SOWK 210
Community Practice Methods III
3 Credits Weekly (3-0-0)
This course provides students with an introduction to theoretical knowledge and skills for working with communities. Students examine current theories of community development/organization and develop the skills necessary for effective social work intervention and change at the community level. This course includes a local and global perspective and issues related to environment and international development.
Prerequisites: SOWK 201, SOWK 202 and SOWK 204.

SOWK 211
Social Work Methods IV
3 Credits Weekly (3-0-0)
This course provides an introduction to knowledge and skills for social work practice related to family violence. Students examine relevant theory and people's experience of family violence, neglect, deprivation, and separation / loss across the life span. Students also explore topics related to family violence and social work practice from historical, ideological, structural, and cultural perspectives.
Prerequisites: SOWK 204 & a minimum grade of C- SOWK 201 & SOWK 202.
Co-requisites: SOWK 203.

SOWK 215
Field Placement
4 Credits Total (0-0-240)
The field placements constitute the practical component of the program and are concerned with the integration of theory and practice. They are taken concurrently with the Social Work Practice Methods courses. The overall purpose of the placements is to provide students with the opportunity to apply classroom learning within the context of specific field placement settings. Students have the opportunity to develop and to demonstrate practice skills based on the values, knowledge and skills taught in the core courses of the program. Field education is a form of teaching and learning in which students have the opportunity to experience themselves as developing social workers in a supervised practice setting.
Prerequisites: SOWK 205.

SOWK 240
Introduction to Social Work and Social Welfare
3 Credits Weekly (3-0-0)
Students are introduced to the social work profession and social welfare in Canada. The history of the social work profession is explored in the context of the development of social welfare in Canada. Students are exposed to values, ethics and theoretical foundations of the social work profession and supported to apply a social work perspective to a variety of social issues. Students also explore their suitability for the social work profession. Note: This course is a requirement for students who wish to apply to the BSW program and do not have a Social Work diploma. This course cannot be used as an elective for students applying to or in the Social Work diploma program.

SOWK 301
Introduction to Social Work Ideology and Ethics
3 Credits Weekly (3-0-0)
This course examines the ideological and ethical foundations that shape professional identity and practice in social work. Students critically reflect on social work's professional obligation to advance social justice and facilitate the collective welfare and wellbeing of all people. Canadian national and provincial social work codes of ethics and standards of practice are applied to ethical issues in practice. Students critically examine their own values and social locations and reflect on their developing professional social work identity.

SOWK 302
Indigenous Knowledge: Contributions to Sustainable Social Work Practice
3 Credits Weekly (3-0-0)
Students explore how the field of social work might support Indigenous efforts to maintain healthy families, communities, and nations. Students are introduced to the philosophical foundations of Indigenous knowledge systems with a focus on exploring traditional healing practices. Students consider how historical and contemporary expressions of colonialism have impacted the well-being of Indigenous peoples. Throughout the course, students enhance their self-awareness and investigate how their personal values, beliefs and experiences may impact their future social work practice with Indigenous peoples.

SOWK 303
Social Work and Sustainability
3 Credits Weekly (3-0-0)
Students are introduced to the important role social work can play in addressing the environmental challenges of our times. Students explore the root cause of the environmental crisis and have the opportunity to explore a wide variety of ethical perspectives related to the human-nature relationship. The environmental crisis is then explored through the lens of social and environmental justice. Subsequently, students are supported to develop a personal model of social work practice that sustains individuals, families, communities and the environment in which they co-exist.

SOWK 304
Human Development and the Environment
3 Credits Weekly (3-0-0)
Students become familiar with and understand the major theories of human development across the lifespan and explore human development and behaviour in the social environment. Students critique the dominant theories and explore ways in which culture, gender and class impact human development. Students are required to explore their own views and values on human development and link these to major theories. Students are able to explain how the social determinants impact human development and apply social work intervention strategies at each stage of development.

SOWK 305
Social Work Practice with Individuals and Families
3 Credits Weekly (3-0-0)
This course provides students with an introduction to social work practice with individuals and families. The course is designed to provide students with knowledge of social work practice theories, methods and skills and apply these skills to their practice with individuals and families. Theoretical models and skills related to direct practice are critically examined and explored within the context of professional social work practice including social work ethics, non-oppressive practice, and a commitment to social and environmental sustainability. Students develop their own model of personal/professional sustainability and explore how interventions are implemented in a sustainable way for individuals, families and agencies. Typically this class is taken in conjunction with SOWK 301, 302, 303 and 304. In Individual and Family Practice, students integrate in their practice aspects from all these other classes.

SOWK 310
Social Work and Intercultural Practice
3 Credits Weekly (3-0-0)
This course is an introduction to social work practice with people of diverse cultures and spiritualities. The course explores historical and contemporary issues and social policies related to Canada's identity as a nation of Indigenous people and immigrants. The course takes a positive, anti-oppressive and strengths-based stance on supporting immigrant and refugee people and communities as they deal with the challenges of migration and pressures for assimilation. The framework for practice presented is focused on relational ethics, with emphasis on the third space and skilled dialogue as interactional care practices. Students are strongly encouraged to develop their reflective skills.

SOWK 311
Critical Thinking and Social Work Research Methods
3 Credits Weekly (3-0-0)
Students are introduced to the major research paradigms and methods of scientific inquiry with a particular emphasis on developing skills in utilizing, evaluating and designing research that is relevant in all areas of social work practice. Students are challenged to examine their own approach to knowing, to incorporate evidence-based research into practice, and to think critically about research and how it is reported to the public. The subjectivity of the researcher, the political and ethical context of research, and the role of research as an instrument of power in the lives of oppressed peoples are discussed.

SOWK 312
Social Policy
3 Credits Weekly (3-0-0)
Students trace the development of Canadian social welfare policy and examine social justice issues and human rights that impact on social work practice. Students develop a critical understanding of the theory and knowledge of anti-oppressive practice and how it relates to human need and social services. Key concepts that challenge social injustices related to economic, social, political and ethical views of society are examined.

SOWK 330
Trauma Informed Practice
3 Credits Weekly (3-0-0)
Students develop an understanding of trauma and the variety of individual responses to trauma. Students learn the interplay of trauma, mental health and substance abuse. Students learn about self-sustainability, professional and agency sustainability. Developmental, Indigenous and inter-cultural issues related to trauma are explored. Students practice how to conduct an assessment and implement the principles of trauma informed practice.

SOWK 350
Field Practicum
5 Credits Total (0-0-300)
Students are placed in a human service agency with supervision and mentorship provided by an experienced practitioner. Students also receive mentorship from a faculty liaison who coordinates and supports the placement. The purpose of this field placement is to integrate theory and practice, to develop social work skills, examine practice from an ethical perspective, consider the impact of personal experiences/history and develop a professional identity. As learners in the field, students apply their knowledge to the profession of social work.
Prerequisites: SOWK 302; SOWK 303; SOWK 304; SOWK 305; SOWK 301.
Co-requisites: SOWK 351.

SOWK 351
Field Practicum Seminar
1 Credit Weekly (0-0-12.5)
Students have the opportunity to discuss experiences in placement and to apply social work theory to their field experiences. The focus of the course is the integration of theory and practice, to develop social work skills, to examine practice from an ethical perspective, to consider the impact of personal experiences/history and develop a professional identity. Students utilize the seminar to discuss ethical issues in practice and they have opportunities to discuss competency in applying a theoretical framework to reflect on their practice. Students critically engage in self-reflection, analyze their practice, and engage in a small group process to develop their professional problem solving skills & to enhance their professional self.
Prerequisites: SOWK 305.
Co-requisites: SOWK 350.

SOWK 401
Introduction to Social Work with Communities
3 Credits Weekly (3-0-0)
Community work is a core component of social work. Social workers in a community setting work to promote social justice by organizing diverse, marginalized and oppressed communities to problem solve and influence structural changes. This course teaches students about the nature of power and the social networks that it flows through, the skills and practices needed to mobilize diverse voices, and the ethics and values that guide social work with communities.

SOWK 402
Social Work with Groups
3 Credits Weekly (3-0-0)
This course focuses on group work practice within the context of social work values, beliefs, and ethics. The course is designed to provide students with knowledge and skills in group planning and facilitation for application in a variety of social work settings. Theoretical models of group practice and social group work are presented, and the use of groups as a means to address oppression is examined. Self-awareness is encouraged through participation in group sessions and activities. An emphasis throughout the course is understanding diversity and how it influences group planning and process.

SOWK 403
Leadership in Human Service Organizations
3 Credits Weekly (3-0-0)
This course explores theories, practices and issues related to leadership of contemporary human service organizations in Canadian society. Critical perspectives will enhance the students' understanding of the unique nature of social service organizations, and will contribute to students' development as effective, ethical and egalitarian leaders who value diversity, sustainability, inter-professionalism, and anti-oppressive practice. Students will review and critically analyze leadership and organizational theories, gender, class and diversity issues, and specific leadership strategies to create responsive, ethical and positive organizational cultures whose primary goals are service to vulnerable and marginalized populations.

SOWK 410
Advanced Social Work Practice with Children and Families
3 Credits Weekly (3-0-0)
Students deepen their knowledge base and practice skills specific to social work with children and families. Recognizing that there are complex social and environmental factors influencing the lives of families and children, students look at multiple sources of knowledge to identify and analyze areas of oppression, and to develop strategies for prevention / intervention. The focus is to prepare students for direct and indirect practice with vulnerable populations so they are able to work in both traditional and multidisciplinary settings. Students are encouraged to build an understanding of relational ethics and to apply an anti-oppressive lens in creating a framework for practice with children and families.
Prerequisites: SOWK 310, SOWK 311 and SOWK 403.

SOWK 411
Advanced Social Work Practice with Indigenous Peoples
3 Credits Weekly (3-0-0)
Students have the opportunity to explore and utilize Indigenous knowledge in the development of social work methods which advance socially just and sustainable communities. Building upon the knowledge and skills acquired through the completion of SOWK 302, students complete a specialized examination of the structural forces which impact the well-being of Indigenous peoples who reside in urban settings. Students assess the relevance and effectiveness of a variety of family, health and social supports that are delivered through existing urban infrastructures. Throughout the course, students analyze the disjuncture between Indigenous paradigms and Settler/dominant worldviews as they seek to envision and create a model of social work which is inclusive and founded upon the principles of justice and reciprocity.
Prerequisites: SOWK 302, SOWK 310, SOWK 311 and SOWK 403.

SOWK 412
Advanced Social Work Practice with Communities
3 Credits Weekly (3-0-0)
This course provides students with a strong foundation in critical social work (sub)theories that influence community practice. Utilizing structural and anti-oppressive social work perspective, students explore core concepts such as globalization, internationalizing social work practice, Indigenous community development and community resiliency theory. The course focus is on the integration of practice and skill building with theory and methods. Students are challenged to enhance their understanding of the interconnected and interrelatedness of social inequities, environmental instability, global capitalism, and diverse forms of oppression at the individual, institutional and structural levels. Activities and assignments focus on fostering critical self and social reflection all the while aiming to identify strategies to address complex issues in today's globalized world.
Prerequisites: SOWK 310, SOWK 311 and SOWK 403.

SOWK 413
Advanced Practice in Health and Mental Health Settings
3 Credits Weekly (3-0-0)
This course prepares students to work in health/mental health settings by introducing them to the theory and advanced practice skills specific to these practice settings. Recognizing healthcare settings requires the social worker to collaborate with other healthcare professionals to achieve client health and well-being, students examine various healthcare models to develop intervention strategies to meet the complex needs of the individual and family and address issues of oppression. Social workers have a special role with to present the voices of families and advocate for all members of the client system. Through the use of simulation lab sessions, students examine psychosocial assessment, contracting, intervention planning/delivery, and documentation. Special issues of health and social policies that govern healthcare practice and bioethics are presented.
Prerequisites: SOWK 310, SOWK 311 and SOWK 403.

SOWK 430
Gerontology - Social Work with Elderly
3 Credits Weekly (3-0-0)
Students examine a broad range of theories and contemporary issues in aging that relate to social work practice with older adults and their families from a strength-based perspective, using theoretical, research and practice knowledge. Specific consideration is given to heterogeneity of the older adult and aging population in the areas of age, gender, race and ethnicity, class, sexual orientation, religious, physical or mental disability, and national origin. Anti-oppressive practice, sustainable social work practice, evidence-based practice, and capacity building are highlighted throughout the course. Course content also includes social work skills in interdisciplinary treatment approaches, collaborating within communities, cultural competency, and ethical and legal issues.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 431
Addictions
3 Credits Weekly (3-0-0)
This course pursues a critical analysis of the evolution of the addiction field of study in Canadian social work practice. It is designed to facilitate student learning about the developmental course of addiction (personal and societal) and the effective interventions and treatment modalities typically employed by the social work profession. The science and culture surrounding substances are addressed. Specific vulnerable/marginalized populations, the role of stigma in accessing and providing care, and the individual, familial, and community manifestation of the consequences of addiction are also discussed.Students explore and critically analyze the policy that governs the addiction treatment system. How addiction is defined on an individual, community and societal level will be examined in order to facilitate a critique of the system. The focus of study will be generated from a social justice, anti-oppressive and strengths-based lens.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 432
Social Work Practice in Health and Mental Health Settings
3 Credits Weekly (3-0-0)
This course introduces students to the practice of social work in health and mental health settings. Social work roles are examined in the context of the various settings of health care (including acute care, long term care, community care, prevention, and rehabilitation). Students become familiar with the varying health needs of clients over the lifespan from birth to death. Social work's contribution to the changing dynamics of the health care team are explored from the historical, current day, and future perspectives. Social work values, especially those of autonomy, self-determination, and social justice, are critiqued within the context of family centered care. Current Canadian and Albertan Healthcare policy is examined within the context of its sustainability.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 433
Social Work Practice with Gender and Sexual Diversity
3 Credits Weekly (3-0-0)
This course focuses on developing affirmative social work practice with lesbian, gay, bisexual, transgender, transsexual, Two-Spirit, queer, questioning and asexual (LGBTQA)people. Social work professional roles are examined within the context of heteronormativity, queer theory, structural practice and social justice. Students become familiar with the intersectionality of sexuality, gender, race and age, examine federal and provincial legislation, and the history of queer rights. Students learn to critically analyze agencies, institutions and direct practice models, and become familiar with social work practice in the LGBTQA community. Opportunities are provided for learners to explore their own identity, values and beliefs and develop a personal frame of practice.

SOWK 434
International Social Work
3 Credits Weekly (3-0-0)
This course provides students with a comprehensive introduction to International Social Work and integrated perspectives approach that blends globalization, human rights, ecological, and social development theories. Under the main themes of globalization, it covers theories underpinning International Social Work history and current realities of the global profession, global ethics, and global policy by exploring international social work practice with particular attention to health and mental health, children and families, urban indigenous people, social and environmental sustainability, and community work in local, national and international settings.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 435
Social Work Practice with Military, Veteran, First-Responders and their Families
3 Credits Weekly (3-0-0)
This course focuses on the mental health and well-being of military, veterans and first-responders and their families. This course introduces students to the important cultural context influencing Canadian military, veterans and first-responders impacting their risk for mental health injury and explores the resilience-based framework as a lens for social workers to engage with this unique population. Special attention is given to the impact of operational stress injury on both the individual and their family. Students critically examine traditional medical model approaches to treatment and intervention of military, veterans and first-responders requiring mental health support, and identify alternative strength-based approaches that incorporate anti-oppressive and trauma-informed practices. Students develop a beginning understanding of building their own practice framework using evidence informed strategies when working with this population.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 438
Child Welfare
3 Credits Weekly (3-0-0)
Students investigate the social work field of child welfare and examine issues related to child abuse and challenges facing families. Students engage in a critical examination of the need for child protection, related historical, legal and ethical issues and recent research findings that both highlight contemporary challenges as well as inform best practices in child protection. The role of child protection systems and helping professionals related to child and family welfare in Canadian society are examined.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 440
Grief and Loss in Social Work Practice
3 Credits Weekly (3-0-0)
This course provides an overview of historical and contemporary theories of loss and relates it to social work practice. The course explores the broad meanings and applications of grief theory using a constructivist point of view including how individuals, families, and cultures experience the trauma of loss. Students learn through experiential modalities.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 441
Social Work and Disability - current issues, trends and practice
3 Credits Weekly (3-0-0)
The course examines issues related to disability through the lenses of Critical Disability and anti-oppressive perspectives. The course explores human rights legislation related to disability including the Convention on the Rights of Persons with Disabilities, the Canadian Charter of Rights and Freedoms and the Alberta Human Rights Act, and reviews the Canadian Association of Social Workers Code of Ethics. The course explores barriers that are faced by people experiencing disabilities and the limits that are placed on this population through society's ableist. Historical perspectives on disability are reviewed and current NGO and government services analyzed, critiqued and deconstructed. Students are invited through a variety of means to examine their personal attitudes and values regarding disability. Students learn evidence based, best practice methods related to advocacy, empowerment, and individual, family, group and community practice. While not a health information course, mental and physical disabilities are examined across the life span, including disabilities people are born with and disabilities both visible and invisible that are acquired. Ideally, by the end of the course students will embrace an anti-ableist approach to practice, which emphasizes inclusion, equality and collective belonging/full participation.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 442
Social Work Practice with High Risk Youth
3 Credits Weekly (3-0-0)
This course focuses on a subset of the youth population, "high-risk youth," that face particular and acute challenges. The course provides an overview of a relationship-based practice framework and philosophy, and provides strategies for engaging and working with the most disconnected, challenging and troubled youth in society, incorporating harm reduction and strength-based and resiliency approaches, as well as community collaboration strategies and anti-oppressive perspectives. Students analyze and critique this and traditional models of practice while developing their own practice for engaging and working with this population.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 444
Social Work and Social Justice
3 Credits Weekly (3-0-0)
This course examines how principles of social justice and human rights can guide the development of a conceptual framework for professional social work practice. The course reviews theories and applications of social justice and human rights principles to generalist practice in social and health arenas. This course is designed to help students to familiarize themselves with the constructs of social justice and human rights as these interact with and inform the practice of social work. Students develop the knowledge and skills needed to critique social work values, theories and ethics through a social justice lens across micro, mezzo, and macro levels of intervention.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 445
Practice Realities: Building Knowledge, Skills & Professional Resilience
3 Credits Weekly (3-0-0)
In this course, students explore some of the challenging aspects of social work practice that are not often discussed in formal social work education. As students progress through the course, they learn about the impact of indirect trauma on the social worker, examine the effects of being part of difficult work environments, consider potential pitfalls in the areas of team dynamics and inter-disciplinary practice, and discuss challenges in their own practice. The course is focused on building a strong academic, theoretical, and practical understanding of the issues facing social workers in day-to-day practice. Building on this understanding, the focus shifts to developing evidence-based skills to manage difficult situations and to assist workers in becoming resilient practitioners.
Prerequisites: SOWK 302, SOWK 303, SOWK 310 and SOWK 311.

SOWK 450
Field Practicum
8 Credits Total (0-0-400)
This course is an opportunity for students to further their previous field practice experience in a more challenging social work practice setting. Students are placed in human service organizations under the supervision and support of both their field placement supervisor and their faculty liaison. The focus of field placement is to develop social work skills, examine practice from an ethical perspective, consider the impact of personal experiences/history and develop a professional social work identity. In this field placement, students further integrate social work knowledge (theory ethics, values), develop competent social work skills and examine their practice from an ethical perspective.
Prerequisites: SOWK 403; SOWK 310; SOWK 311.
Co-requisites: SOWK *(*p. 839*), 451 and One of SOWK 410, SOWK 411, SOWK 412, or SOWK 413.*

SOWK 451
Field Practicum Seminar
1 Credit Total (0-0-12.5)
The field practicum seminar provides an opportunity for the student to discuss experiences in placement and to apply social work theory to their field experiences. The focus of the course is the integration of theory and practice, to develop social work skills, to examine practice from an ethical perspective, to consider the impact of personal experiences/history and to develop a professional identity. Students utilize the seminar to discuss ethical issues in practice and they have opportunities to discuss competency in applying a theoretical framework to reflect on their practice. Students engage in critical self-reflection and analysis of their practice to enhance their development as professional social workers. In this advanced seminar, students are expected to provide leadership, be prepared to critically reflect and problem solve.
Co-requisites: SOWK 450.

SPAN – Spanish Language

SPAN 111
Introductory Spanish I
3 Credits Weekly (5-0-0)
Spanish 111 is an introductory course designed for students with limited or no previous knowledge of Spanish. It introduces the sounds of the Spanish language, essential grammatical structures and tenses, and a practical basic vocabulary to aid the student in the development of oral/aural comprehension, expression, reading and writing skills. General aspects of geography, history and culture in Spanish-speaking countries are also introduced. Accuracy in grammar and pronunciation is stressed. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Spanish 30, Spanish 35 or equivalent cannot receive credit for this course. Credit can only be obtained in one of SPAN 101 or SPAN 111.

SPAN 112
Introductory Spanish II
3 Credits Weekly (5-0-0)
This course is a continuation of SPAN 111 and is intended to further the development of the four language skills and the cultural awareness acquired in SPAN 111. Accuracy in grammar and pronunciation is stressed. Note: Students with native or near-native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course. Students with credit in Spanish 30, Spanish 35 or equivalent cannot receive credit for this course.
Prerequisites: Minimum grade of C- in SPAN 111.

SPAN 211
Intermediate Spanish I
3 Credits Weekly (5-0-0)
Spanish 211 is designed for students to develop and strengthen oral/aural comprehension, expression, reading skills and writing skills acquired in beginner-level courses. Accuracy in grammar and pronunciation is stressed. Note: Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.
Prerequisites: Minimum grade of C- in SPAN 112 or successful completion of Spanish 30, 35, or equivalent course.

SPAN 212
Intermediate Spanish II
3 Credits Weekly (5-0-0)
Spanish 212 is a continuation of SPAN 211 and is intended to further develop and strengthen the oral/aural comprehension, expression, reading and writing skills acquired in SPAN 211. Accuracy in grammar and pronunciation is stressed. Note: Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to registration. Students with a proficiency level beyond this course may be directed to a higher-level course.
Prerequisites: Minimum grade of C- in SPAN 211.

SPAN 216
Conversation and Composition in Spanish I
3 Credits Weekly (4-0-0)
SPAN 216 is an advanced intermediate-level course for students with a working knowledge of the language. Conducted in Spanish, this course provides students the opportunity to improve spoken and written Spanish. Attention is given to accuracy in pronunciation, understanding spoken Spanish and correct use of grammar, with emphasis placed on developing a clear and concise writing style in a variety of modes and formats. Note: Students with native proficiency cannot take this course. Heritage speakers must consult the department prior to enrolling in this course. Students with a proficiency level beyond this course may be directed to a higher-level course.
Prerequisites: A minimum grade of C- in SPAN 212.

SPAN 230
Conversation and Composition in Spanish II
3 Credits Weekly (4-0-0)
Spanish 230 is a continuation of Spanish 216. Students further strengthen their oral and written Spanish skills at the advanced intermediate-level. Conducted in Spanish, attention is given to accuracy in pronunciation, understanding spoken Spanish and correct use of grammar, with emphasis placed on developing a clear and concise writing style in a variety of modes and formats. Note: Students with a native proficiency cannot take this course. Heritage speakers must consult the department prior to enrolling in this course.
Prerequisites: A minimum grade of C- in SPAN 216.

SPAN 315
Advanced Oral Practice and Composition in Spanish
3 Credits Weekly (3-0-0)
Taught in Spanish, this course is designed for students who wish to consolidate their oral/aural skills at an advanced level. It provides intensive composition and conversation practice. The course focuses on further developing students' means of expression through practice in text summary, composition, text analysis, essays, review of complex grammar concepts, and discussion of a variety of recorded material, articles and films.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300-level SPAN (p. 845) *course.*

SPAN 321
Cultures and Civilizations of Spain and Spanish America
3 Credits Weekly (3-0-0)
Taught in Spanish, this survey course examines the Spanish-speaking world (Spain and Spanish America) through traditions, customs, historical events, sociopolitical issues, literatures, and artistic trends.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300-level SPAN (p. 845) *course.*

SPAN 322
Contemporary Spanish and Latin American Films
3 Credits Weekly (3-0-0)
This course focuses on the study of culture through Contemporary Spanish and Latin American films. It provides students with the basic tools of filmic language to critically analyze films within their sociocultural, historical, thematic, and aesthetic content. This course is designed to stimulate discussion, increase the students' familiarity with methods of analysis, and provide a better understanding of Hispanic cultures and thoughts. Films and readings are in Spanish. Secondary sources may be in English. Previous knowledge of Hispanic films is not required. This course is conducted in Spanish.
Prerequisites: A minimum of C- in SPAN 230 or any 300-level SPAN (p. 845) *course.*

SPAN 325
Monsters and Other Beings
3 Credits Weekly (3-0-0)
Taught in Spanish, this course introduces students to depictions of monstrosity or deviance in the Hispanic historic and cultural imaginary. Monsters and other imaginary beings have been used to identify what is seen as threatening to the status quo of society. Through a selection of provocative texts and audiovisual materials, students explore the use of terms such as monster, witch, whore, and evil. The course focusses on the discussion of the monstrous deviation as a reflection of human existence in relation to the socio-cultural and political environment in Hispanic societies from antiquity to the present.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300-level SPAN (p. 845) *course.*

SPAN 335
Introduction to Business Spanish
3 Credits Weekly (3-0-0)
Conducted entirely in Spanish, this course focuses on business terminology and the stylistic features of business communication, oral and written. The course also fosters cross-cultural awareness necessary to function effectively in the Spanish-speaking business world. Advanced Spanish language proficiency is required. Individual and group presentations are an essential part of this course.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300-level SPAN (p. 845) *course.*

SPAN 341
Introduction to Translation
3 Credits Weekly (3-0-0)
SPAN 341 is an introduction to the theory and the practice of translation. The course offers an overview of translation while providing practice with a variety of texts. Students review basic linguistic and cultural patterns, and discuss common grammatical and lexical difficulties. Students also work on the assessment and translation of original texts from English/Spanish to Spanish/English.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300-level SPAN (p. 845) *course.*

SPAN 350
Magical Realism, Subversion and Sexuality in Hispanic Films and Literature
3 Credits Weekly (3-0-0)
This course introduces students to one of the most stimulating and creative trends in contemporary Hispanic literatures and cinema, Magical Realism, in which elements of magic are incorporated into everyday reality. Students critically examine a selection of representative magical realist fiction and films, exploring the relationship between the magical and the real within each text and their historical and cultural context. Because Hispanic Magical Realism has been considered a subversive mode of writing (and representation in general) that challenges discourses of power, this course also analyses the effectiveness of Magical Realism in liberating the voices of the subjugated, especially women. The course is conducted in Spanish. Readings are primarily in Spanish. Secondary sources may be in English.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300-level SPAN (p. 845) *course.*

SPAN 351
Women in Hispanic Literatures
3 Credits Weekly (3-0-0)
This course focuses on the role of women in the literatures of Spain and Spanish America from the Medieval period through the 20th century. It analyzes how the construction of gender in literature reflects, interacts with or rejects the cultural and socio-historical conditions of the time. This course is designed to stimulate discussion, increase the student's familiarity with methods of literary analysis, and provide an understanding of Hispanic cultures and thought. This course is conducted in Spanish. Readings are primarily in Spanish. Secondary sources may be in English.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300-level SPAN *(*p. 845*) course.*

SPAN 352
Survey of Spanish and Hispanic American Literatures
3 Credits Weekly (3-0-0)
This course is an overview of literary production and cultural expression in Spain and Hispanic America from the medieval period to the twenty-first century. Through the study of poems, excerpts of literary works (prose and drama) and essays by the most representative writers, students analyze and interpret the main literary movements and trends of each period. The course offers students the necessary tools to discuss literary texts as a means to approach Hispanic societies, their history, culture and values. This course is conducted in Spanish. Primary readings are in Spanish. Secondary sources may be in English.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300-level SPAN *(*p. 845*) course.*

SPAN 353
Hispanic Theatre & Performance
3 Credits Weekly (3-0-0)
This course introduces students to the genre of theatre in Spanish. Students study Hispanic theatre in both textual and visual forms, and analyze the differences between the written word and performance. The course requires students to participate in their own adaptation exercises so as to gain a better appreciation and understanding of the text itself. Students write in a variety of styles, including but not limited to: group reports, theatrical reviews, literary analysis, and creative adaptations. This course is conducted in Spanish. Readings are primarily in Spanish. Secondary sources may be in English.
Prerequisites: Minimum grade of C- in SPAN 230 or any 300 level course in SPAN *(*p. 845*).*

SPAN 355
Hispanic Culture and Literature Study Abroad
3 Credits Weekly (3-0-0)
This course introduces students to the cultures and literatures of a Hispanic country in context. Students read literary texts and visit cultural sites such as museums, historical sites, art galleries and theatres. Students prepare and deliver a presentation on cultural and artistic artifacts; write analytical essays that incorporate historical, literary and cultural sources; and demonstrate an overarching understanding of the local culture and history. This course is conducted in Spanish. Primary readings are in Spanish. Secondary sources may be in English.
Prerequisites: Consent of the Department (Students with credit in any 300-level course in Spanish will be given preference).

SPAN 360
Topics in Hispanic Literatures
3 Credits Weekly (3-0-0)
In this course, students study a topic in Hispanic literatures. The specific topic focuses on the literature of a specific country, or a significant period, tradition, theme, genre or school within Hispanic literatures. The author(s) and work(s) selected are analyzed and placed within their historical and cultural context. Topics vary and are announced prior to registration. This course is conducted in Spanish. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in Span 230 or any 300-level SPAN *(*p. 845*) course.*

SPAN 370
Topics in Hispanic Cultures
3 Credits weekly (3-0-0)
In this course students study in depth a topic related to Hispanic cultures. The specific topic focuses on a theme, tradition, movement, artist, time-frame, or identity within the Hispanic world. Examples include, but are not limited to, Hispanic culture through film, Hispanic cultures through theater, visual arts in the Hispanic world, folkloric manifestations and traditions, music, etc. Topics vary and are announced prior to registration. This course is conducted in Spanish. Note: Students may take this course up to three times, provided that the topic is different.
Prerequisites: A minimum grade of C- in SPAN 230 or any 300-level SPAN *(*p. 845*) course.*

SPAN 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

SPAN 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

STAT – Statistics

STAT 151
Introduction to Applied Statistics
3 Credits Weekly (3-1.5-0)
In this course the following topics are covered: data collection and presentation; descriptive statistics; probability distributions, sampling distributions and the central limit theorem; point estimation, confidence intervals, and hypothesis testing; one-way ANOVA; Chi-square tests; and correlation and regression analysis. Applications are taken from a broad variety of fields such as biological and medical sciences, engineering, social sciences and economics. Note: This course may not be taken for credit if credit has been obtained in Stat 161.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT 161
Applied Statistics for the Social Sciences
3 Credits Weekly (3-1.5-0)
This course provides an introduction to descriptive and inferential statistics with a focus on data analytic tools particularly relevant in the social sciences. Topics covered in this course include descriptive statistics, basic probability theory and the central limit theorem; estimation and hypothesis testing; t-tests, analysis of contingency tables, one way ANOVA, and multiple linear regression analysis. Applications are taken from the social sciences and many other fields such as biological and medical sciences, engineering, and economics. Note: Credit cannot be obtained in both STAT 151 and 161.
Prerequisites: Mathematics 30-1 or Mathematics 30-2 or successful completion of the statistics gateway exam.

STAT 252
Applied Statistics II
3 Credits Weekly (3-2-0)
Fundamental methods in applied statistics are presented in this course including the following topics: factorial ANOVA and Linear Regression models and their analysis as well as non-parametric statistical tools for the comparison of the centre of distributions. Applications are taken from a broad variety of areas such as biological, social and computer sciences, engineering, and economics.
Prerequisites: A minimum grade of C- in one of STAT 151 or STAT 161.

STAT 265
Probability Theory I
3 Credits Weekly (3-0-1)
This course offers a calculus-based introduction to probability theory. Topics covered include sample space, events, combinatorial probability, conditional probability, independent events, Bayes' theorem, discrete and continuous random variables, univariate and multivariate probability distributions, expectation, conditional expectation, joint probability distributions, independence, moment generating functions. Note: STAT 151 is recommended and MATH 214 is a recommended corequisite.
Prerequisites: A minimum grade of C- in MATH 115.

STAT 266
Mathematical Statistics
3 Credits Weekly (3-1-1)
The emphasis of this course is to present the fundamental statistical concepts in estimation and hypothesis testing from a classical perspective using the tools of probability theory. Topics covered include: limit theorems, sampling distributions, methods of point estimation and properties of point estimators, interval estimation, testing hypotheses. Statistical software is used to simulate distributions and probabilistic processes that lead to statistical applications.
Prerequisites: Minimum grades of C- in STAT 265, STAT 151 or STAT 161, and in either CMPT 101 or CMPT 103.

STAT 312
Probability Theory II
3 Credits Weekly (3-0-0)
This course offers a rigorous approach to probability theory. Topics covered include concepts of probability theory, multivariate random variables, conditional expectation and variance, probability and moment generating functions, the multivariate normal distribution, different types of convergence and limit theorems, Poisson and branching processes.
Prerequisites: Minimum grades of C- in MATH 215, MATH 225, and STAT 265.

STAT 322
Finite Markov Chains and Applications
3 Credits Weekly (3-0-1)
This course presents fundamental results regarding finite Markov chains. Topics covered include connection with matrix theory, classification of states, main properties of absorbing, regular and ergodic finite Markov chains. Applications to genetics, psychology, computing science and engineering are also included.
Prerequisites: Minimum grades of C- in either MATH 120 or MATH 125, and in STAT 265; a minimum grade of C- in Math 214 is recommended.

STAT 324
Computational Statistics with R
3 Credits Weekly (2-2-0)
This course explores the usage of computer programming and algorithms in the field of statistics. The focus of the course will be computationally intensive statistical methods, such as Monte Carlo simulations, the expectation-maximization algorithm, and bootstrapping. The material will be illustrated and the students' work will be carried out using R (a free, open source, multi-platform programming language).
Prerequisites: Minimum grades of C- in STAT 266, and in either CMPT 101 or CMPT 103.

STAT 350
Sampling Theory and Applications
3 Credits Weekly (3-0-0)
This course concentrates on the design and analysis techniques for sample surveys. Topics include simple random sampling, stratified sampling, ratio, regression and difference estimation, single-stage cluster sampling, systematic sampling, two-stage cluster sampling.
Prerequisites: A minimum grade of C- in STAT 265.

STAT 353
Design and Analysis of Experiments
3 Credits Weekly (3-2-0)
This course deals with design, conduct and analysis of experimental studies. Topics include: principles of design, completely randomized design with one factor, randomized complete block designs, Latin square design, Graeco-Latin square design, balanced incomplete block design, factorial design, two-level factorial design, two-level factorial design in incomplete blocks, two-level fractional factorial design, experiments with random factors, and nested and split-plot designs.
Prerequisites: A minimum grade of C- in STAT 266.

STAT 370
Applied Time Series Analysis
3 Credits Weekly (3-2-0)
This is an introductory course in applied time series analysis. Topics include computational techniques in time domain for simple time series models. Model selection, estimation, and forecasting are illustrated for the autoregressive, moving average, ARMA, ARIMA and SARIMA models. Applications are taken from medical and social sciences, biology, engineering and business.
Prerequisites: Minimum grades of C- in STAT 266, MATH 214, and MATH 225.

STAT 371
Applied Categorical Data Analysis
3 Credits Weekly (3-2-0)
This course presents fundamental methods in categorical data analysis emphasizing applications. Topics include: analysis of two-way tables, models for binary response variables, loglinear models, and models for ordinal data and multinomial response data.
Prerequisites: A minimum grade of C- in either STAT 252 or STAT 266.

STAT 372
Applied Multivariate Statistics and Machine Learning
3 Credits Weekly (3-2-0)
This course focuses on essential multivariate statistical methods. Topics include matrix algebra, tests of significance, principal components analysis, factor analysis, discriminant analysis, cluster analysis and canonical correlation analysis. This course is relevant to working professionals in health, social biological and behavioral sciences who engage in applied research in their field.
Prerequisites: Minimum grades of C- in STAT 265, one of MATH 120 or MATH 125, and one of STAT 151 or STAT 161.

STAT 378
Applied Regression Analysis
3 Credits Weekly (3-2-0)
The course introduces methods in regression analysis. Topics include: multiple linear regression with particular focus on diagnostics, non-linear regression, and generalized linear models, such as Poisson regression and logistic regression. Emphasis will be placed on the practical application of the statistical methods.
Prerequisites: Minimum grades of C- in either STAT 266 or in all of STAT 252, MATH 114, and either MATH 120 or MATH 125.

STAT 395
Special Topics in Statistics at the intermediate level
3 Credits Weekly (3-0-1)
In this course students examine a topic in Statistics at the intermediate level. Topics vary and are announced prior to registration. Consult with faculty members in Statistics for details regarding current offerings. Note: This course may be taken multiple times for credit.
Prerequisites: A minimum grade of B- in STAT 265 and consent of the department.

STAT 398
Independent Study
3 Credits Total (0-0-45)
This course permits an intermediate-level student to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.
Prerequisites: Consent of the Department.

STAT 412
Stochastic Processes
3 Credits Weekly (3-2-0)
This course presents fundamental results regarding discrete and continuous time Markov chains, branching processes, random walks, birth and death processes, semi-Markov processes, and Brownian motions. A practical but rigorous approach to stochastic processes will be utilized, with a focus on building models and understanding them mathematically.
Prerequisites: Minimum grades of C- in CMPT 101 or CMPT 103, MATH 214, MATH 225, STAT 266, and an additional three credits in any 300-level STAT *(*p. 848*) course.*

STAT 465
Probability Theory and Mathematical Statistics II
3 Credits Weekly (3-1-0)
This course offers a rigorous approach to probability theory and mathematical statistics. Topics include conditional expectation and variance, multivariate normal distribution, convergence, laws of large numbers, central limit theorem, maximum likelihood estimator and its properties, Delta method, likelihood ratio tests, Taylor and Edgeworth expansions.
Prerequisites: A minimum grade of C- in Math 225, STAT 266 and any 300-level statistics course.

STAT 478
Applied Generalized Linear Models
3 Credits Weekly (3-2-0)
The course introduces the theory of generalized linear models and their applications. Topics include exponential family of distributions, modeling binomial and count data, linear mixed models, gamma and inverse-Gaussian generalized linear models, and introduction to survival analysis. Emphasis will be placed on the practical application of the statistical methods.
Prerequisites: A minimum grade of C- in both STAT 266 and STAT 378.

STAT 495
Special Topics in Statistics
3 Credits Weekly (3-0-1)
In this course, students examine an advanced topic in Statistics. Topics vary and are announced prior to registration. Consult with faculty members in Statistics for details regarding current offerings. Note: This course may up to three times for credit provided the topic is different.
Prerequisites: Minimum grade of B- in a 300-level STAT *(*p. 848*) course and consent of the department.*

STAT 496
Statistical Consulting Project
3 Credits Total (0-0-45)
The aim of the course is to provide students with experience in statistical consultation. Students are assigned to research projects as consultants, which requires them to consider ethical statistical practice, choose the appropriate statistical technique, and communicate the results to a non-mathematical audience.
Prerequisites: A minimum grade of C- in two 300-level STAT *(*p. 848*) courses and consent of the department.*

STAT 498
Advanced Independent Study
3 Credits Total (0-0-45)
This course permits senior-level students to work with an instructor to explore a specific topic in depth through research or directed reading in primary and secondary sources. The student plans, executes and reports the results of their independent research or study project under the direction of a faculty supervisor. To be granted enrollment in the course, the student must have made prior arrangements with a faculty member willing to supervise his or her project. This course can be taken twice for credit.

STAT 499
Honours Thesis
3 Credits Total (0-0-45)
Under the direction of a faculty supervisor, registered students explore a specific topic in depth through research or directed reading. The student plans, executes, and reports the results of their independent research or study project under the direction of a faculty supervisor in a written Honours Thesis with oral defense. Note: This course is intended for students in the final year of their degree and is open only to students in the Applied Statistics Honours program.
Prerequisites: Consent of the Department.

SUST – Sustainability

SUST 201
Introduction to Sustainability
3 Credits Weekly (3-0-0)
In this course, which builds on the legacy of our university's namesake, Dr. J. W. Grant MacEwan, students examine the theories, principles, and practices of sustainability, focusing on the interconnectedness of environmental, economic, and social systems in achieving overall well-being. Students explore compelling sustainability issues from a variety of inter-disciplinary perspectives.

SUST 301
Sustainability Challenges
3 Credits Weekly (3-0-0)
Many different sectors are now seeking professionals who have expertise in sustainability in order to guide projects and lead organizational change. This course will focus on the systems thinking and related skills that are required to identify, discuss, evaluate, and address sustainability challenges. Students will connect theory to practice as they develop a project to address a sustainability challenge within the university or broader community.
Prerequisite: One of SUST 201, SUST 302, or consent of the instructor.

SUST 302
Systems Thinking
3 Credits Total (39-0-0)
Tackling complex problems requires different ways of thinking that recognize the interconnections within the whole. Systems thinking provides helpful ways of thinking and tools that can be used to critically analyze and respond to complex situations. This course will provide foundational knowledge of the concepts, components, and dynamics of complex systems. Students will learn how to identify interconnections, feedback loops, and leverage points, as well as the importance and pitfalls of identifying the system's purpose or function.

SUST 310
Indigenous and Western Perspectives of Sustainability: Walking Side-by-Side
3 Credits Weekly (3-0-0)
This course examines Indigenous and western perspectives of sustainability using various conceptual frameworks. The colonial, technoscientific nature of western perspectives of sustainability are challenged as insufficient to achieve sustainability that incorporates cultural vitality, social equity, environmental responsibility, and economic integrity. Indigenous principles are examined as leading to sustainability as a way of being. Note: Students may obtain credit in only one of INDG 310 and SUST 310.

SUST 390
Topics in Sustainability
3 Credits Weekly (3-0-0)
This course examines a substantive topic or topics of relevance to sustainability. The topic for the course varies and is announced prior to registration. This course may be taken up to two times provided the course topic is different.
Prerequisites: SUST 201.

TAST – Special Needs Educational Asst

TAST 101
Child and Adolescent Development
3 Credits Weekly (3-0-0)
This course provides a survey of the major theories of human development, principles, research findings, and concepts relating to child and adolescent development from a cognitive, social/emotional, and physical perspective. Course material explores several aspects influencing individual development from preschool to adolescence with a focus on application of this content to the educational setting.

TAST 102
Supporting Behaviour
3 Credits Weekly (3-0-0)
Students develop the skills and knowledge to provide positive behavioural support to students within a school environment as part of an interdisciplinary team. Course content addresses the interrelationship of multiple factors within the classroom environment, strategies to foster positive student behaviour, methods of observing, documenting and reporting student behaviour to teachers, understanding of what influences behaviour and the communicative function of student behaviour, the development and implementation of appropriate intervention strategies for students who require complex behavioural services, and the critical need for positive classroom relationships.

TAST 103
Language Learning and Math Across the Curriculum
3 Credits Weekly (3-0-0)
In this course, students examine the theory and practice of literacy within the Alberta Language Arts and Mathematics curricula. Students learn to support the implementation of these programs by adapting materials to meet the learning styles and needs of pupils. Learning a variety of practical strategies, students are able to transfer real skills to the classroom, including paired reading, spelling systems, and math manipulatives.

TAST 107
Diverse Learners I
3 Credits Weekly (3-0-0)
This course provides an introduction to diverse learners within an educational context. Emphasis is placed on understanding classroom learning teams, etiology and prevalence of diverse abilities, and strategies to enhance learning for all students.

TAST 112
Supporting Numeracy and Math
3 Credits Weekly (3-0-0)
Students examine the theory and practice of numeracy and math in school settings. Students learn to support pupils' mathematical skills and understanding by adapting materials to meet learning styles and needs. Learning a variety of practical strategies, students are able to transfer real skills and processes to the classroom to support numbers, shape and space, patterns and relations, and statistics and probability.

TAST 113
Supporting Language and Literacy
3 Credits Weekly (3-0-0)
Students examine the theory and practice of language and literacy in school settings. Students learn to support pupils' acquisition of language and literacy skills by adapting materials to meet learning styles and needs. Learning a variety of practical strategies, students are able to transfer real skills to the classroom to support reading, writing, speaking, listening, viewing, and representing.

TAST 114
Specialized Skills and Practice
2 Credits Weekly (2-0-0)
Students develop the skills necessary to support classroom teachers and students with specific special education needs. The course blends theory with effective practice to prepare assistants who must demonstrate ways to adapt learning activities and materials for students with a range of academic, emotional and physical challenges. The particular special education need studied varies from term to term.

TAST 117
Diverse Learners II
3 Credits Weekly (3-0-0)
This course provides a further introduction to diverse learners within an educational context. Emphasis is placed on understanding classroom learning teams, etiology and prevalence of diverse abilities, and strategies to enhance learning for all students.

TAST 125
Collaborative Team Practice
3 Credits Weekly (3-0-0)
This course introduces students to the foundational skills required to effectively contribute to educational teams. Through mediated learning activities students have the opportunity to build on and expand their own communication skills and practice the interpersonal skills needed to work productively in a variety of educational contexts. The roles and responsibilities of educational team members are identified and explored. A strong emphasis is placed on experiential learning and self-growth activities.

TAST 128
Educational and Assistive Technology
3 Credits Weekly (3-0-0)
This course provides an introduction to educational and assistive technology used to support students to achieve success in their learning. Students compare methods used to make decisions about technology for specific needs and examine their role in the needs assessment and implementation process.

TAST 129
Seminar
1 Credit Weekly (0-0-1)
In this course, students reflect on their professional practice and link their classroom learning with field related experiences and workplace issues. The small group seminar format promotes the integration of theory and practice in a professional setting through facilitated group discussion and participation. The school board application process is examined in detail and students complete a professional portfolio to provide an overview of their skills, knowledge and experience.
Co-requisites: TAST 130.

TAST 130
Practicum
3 Credits Total (0-0-180)
The practicum is designed to provide students experiential learning opportunities in the field to connect their knowledge, skills and attitudes to the content of program theoretical course work. Through practical, hands-on work at their school site, students experience the full range of responsibilities associated with the complex role of educational assistants. The supervised practice setting enables students to develop the confidence and knowledge required to be an effective practitioner in the field of education.
Prerequisites: TAST 101, TAST 107, TAST 125, TAST 128.
Co-requisites: TAST 129.

TAST 135
Practicum
3 Credits Total (0-30-150)
The practicum is designed to provide students with experiential learning opportunities in the field to connect their knowledge, skills, and attitudes to the content of program theoretical coursework. Students meet weekly in seminar to reflect on their professional practice and link their classroom learning with field related experiences and workplace needs. Students must complete all first semester theoretical coursework before practicum.

THAR – Music Theatre Performance

THAR 101
Acting I
3 Credits Total (0-5-0)
In Acting I, students develop fundamental acting skills through solo and ensemble exercises. Then, students analyze, research, rehearse and perform modern and/or contemporary monologues. They also explore foundational actor movement exercises to provide a basis for character and physical theatre work.
Co-requisites: THAR 104 and THAR 110.

THAR 104
Voice I
3 Credits (1-2.5-1.5)
In Voice I, students develop fundamental vocal skills required for music theatre performers. Students take weekly group classes in speech, singing and musical theatre history. In addition, students build their skills through one-on-one private lessons with personal voice teachers. Course content includes modern/contemporary monologues and solos from musical theatre repertoire.
Co-requisites: THAR 101 and THAR 110.

THAR 105
Play Analysis
3 Credits Weekly (3-0-0)
In this course, students analyze plays from a variety of historical periods. Students explore the fundamentals of play analysis, including dramatic structure, plot, theme, character, and performance elements. Students also examine how these works reflected, intersected with and influenced society. In addition, students attend and analyze at least one professional production during the course. Note: Credit can be obtained in only one of THAR 105 or DRMA 102.

THAR 109
Performer's Lab
3 Credits Weekly (0-6-0)
Works from music theatre's repertoire are studied and explored in a workshop format. In this laboratory course, students acquire the necessary rehearsal and performance tools to perform a complete music theatre work. They learn how to make the author's voice come alive in structure and characterization as well as how to make the transition from speaking to singing in an honest and believable way. A director, vocal director, choreographer and musical director work together with the students to prepare a final project for a brief public performance run. As a culmination of their first year of training, they are expected to perform at a higher level of professionalism than in previous course work.

THAR 110
Dance I
3 Credits Weekly (0-4-0)
In Dance I, students develop fundamental dance techniques required for music theatre performers. Students take regular classes in ballet, jazz and tap to establish a foundational dance vocabulary. Students also engage in basic physical conditioning exercises.
Co-requisites: THAR 101 and THAR 104.

THAR 140
Music Theory and Ear Training I
3 Credits Weekly (1.5-1.5-0)
In this course, students explore fundamental music theory and ear training concepts for music theatre performers. Students also apply these concepts to the analysis and performance of musical theatre repertoire. Topics include notation, scales, intervals, chords, rhythms, melodic and harmonic analysis, aural identification, transcription, sight-singing and keyboard skills.

THAR 141
Music Theory and Ear Training II
3 Credits Weekly (1.5-1.5-0)
In this course, students continue to explore fundamental music theory and ear training concepts for music theatre performers. Coursework focuses on the relationship between music theory, ear training and the performance of musical theatre repertoire.
Prerequisites: Minimum grade of C- in THAR 140.

THAR 149
Introduction to Acting
3 Credits Weekly (0-5-0)
This course is designed for students with little or no previous experience in theatre and therefore introduces students to the process of acting. Students develop fundamental skills in acting, voice and movement through solo and ensemble exercises. Then students apply their skills to performance projects. Note: This course may not be taken for credit if credit has been obtained in DRMA 149.

THAR 151
Acting II
3 Credits Weekly (0-5-0)
In Acting II, students continue to develop fundamental acting skills through scene study work. Students analyze, research, rehearse and perform scenes from modern and/or contemporary plays. They also continue to take movement classes, with a focus on expanding their movement vocabularies and partnering skills.
Prerequisites: Minimum grade of C- in THAR 101.
Co-requisites: THAR 154 and THAR 160.

THAR 154
Voice II
3 Credits Weekly (1-2.5-1.5)
In Voice II, students continue to develop fundamental vocal skills required for music theatre performers. Students take weekly group classes in speech, singing and musical theatre history. In addition, students build their skills through one-on-one private lessons with personal voice teachers. Course content includes monologues, scene excerpts, solos and duets.
Prerequisites: Minimum grade of C- in THAR 104.
Co-requisites: THAR 151 and THAR 160.

THAR 160
Dance II
3 Credits Weekly (0-4-0)
In Dance II, students continue to develop fundamental dance techniques required for music theatre performers. Students take regular classes in ballet, jazz and tap, and integrate dance techniques into basic choreography. In addition, students further engage in physical conditioning exercises.
Prerequisites: Minimum grade of C- in THAR 110.
Co-requisites: THAR 151 and THAR 154.

THAR 201
Acting III
3 Credits (0-6-0)
Acting III builds on the skills developed in Acting I and II. Focus shifts from process to performance as students analyze, research, rehearse and perform a play. Students also continue to take movement classes, with an emphasis on character movement techniques.
Prerequisites: Minimum grade of C- in THAR 151.
Co-requisites: THAR 204 and THAR 250.

THAR 204
Voice III
3 Credits (1-2.5-1.5)
In Voice III, students develop intermediate-level vocal skills required for music theatre performers. Students continue to take weekly group classes in speech, singing and musical theatre history, as well as one-on-one private voice lessons. Course content focuses on the integration of voice, acting and movement work.
Prerequisites: Minimum grade of C- in THAR 154.
Co-requisites: THAR 201 and THAR 250.

THAR 206
Performance I
3 Credits Total (0-0-200)
Students audition for roles in the MacEwan Theatre Department season, and work collaboratively with the artistic and technical team in the production of a play and/or musical. Implementing all the rehearsal and performance techniques and skills acquired in their first year of training, students experience how a creative team collaborates during the rehearsal process, technical rehearsals and performance run.
Prerequisites: Minimum grade of C- in THAR 109.

THAR 240
Music Theory and Ear Training III
3 Credits Weekly (1.5-1.5-0)
In this course, students explore intermediate-level music theory and ear training concepts for music theatre performers. Students further examine the relationship between music theory, ear training and the performance of musical theatre repertoire.
Prerequisites: Minimum grade of C- in THAR 141.

THAR 241
Music Theory and Ear Training IV
3 Credits Weekly (1.5-1.5-0)
This is the final course of music theory and ear training for music theatre performers. Students explore intermediate/advanced-level music theory and ear training concepts and apply these concepts to practical projects.
Prerequisites: THAR 240.

THAR 247
Introduction to Oral Communication
3 Credits Weekly (0-5-0)
This course helps students become more effective and embodied speakers. Students explore fundamental vocal and physical techniques used in oral communication. Then students apply these techniques to different types of oral communication, from public speaking (speeches, lectures, etc.) to drama (monologues, reader's theatre, etc.). In addition, students investigate the uses of oral communication skills in a variety of careers. The course culminates in practical public speaking and/or dramatic projects. Note: This course may not be taken for credit if credit has been obtained in DRMA 247.

THAR 250
Dance III
3 Credits Weekly (0-6-0)
Dance III builds on the skills developed in Dance I and II. Students continue to take regular dance technique classes in ballet, jazz and tap. Students also analyze and perform the work of seminal musical theatre choreographers.
Prerequisites: Minimum grade of C- in THAR 160.
Co-requisites: THAR 201 and THAR 204.

THAR 251
Acting IV
3 Credits (0-6-0)
Acting IV builds on the skills developed in Acting III. Students engage in a deeper exploration of performance techniques with a production from the musical theatre repertoire. Students also continue to develop their physical skills, focusing on dance and/or movement within a musical production context.
Prerequisites: Minimum grade of C- in THAR 201.
Co-requisites: THAR 254 and THAR 260.

THAR 254
Voice IV
3 Credits (1-2.5-1.5)
In Voice IV, students continue to develop intermediate-level vocal skills required for music theatre performers. Students take weekly group classes in speech, singing and musical theatre history, as well as one-on-one private voice lessons. Course content includes chorus text work and ensemble singing.
Prerequisites: Minimum grade of C- in THAR 204.
Co-requisites: THAR 251 and THAR 260.

THAR 256
Performance II
3 Credits Total (0-0-200)
Performance II builds on the discoveries, skills and techniques of Performance I. Students acquire further opportunities to test and expand their level of training by first auditioning for and then participating in the rehearsal process, technical rehearsals and public performance of a play and/or musical.
Prerequisites: Minimum grade of C- in THAR 206.

THAR 260
Dance IV
3 Credits Weekly (0-6-0)
Dance IV builds on the skills developed in Dance I-III. Students continue to take regular classes in ballet, jazz and tap. They also integrate dance techniques and performance skills into increasingly complex ensemble choreography.
Prerequisites: Minimum grade of C- in THAR 250.
Co-requisites: THAR 251 and THAR 254.

THAR 301
Acting V
3 Credits (0-5-0)
In Acting V, students explore the demands of heightened text and movement through classical monologue and/or scene study. They also explore specialized movement techniques.
Prerequisites: Minimum grade of C- in THAR 251.
Co-requisites: THAR 304 and THAR 350.

THAR 304
Voice V
3 Credits (0-2.5-1.5)
In Voice V, students develop advanced-level vocal skills required for music theatre performers. Students take weekly group classes in speech and singing with a focus on heightened text and sound production. Students also continue to build their skills through one-on-one private voice lessons. Course content includes classical texts and advanced-level musical theatre repertoire.
Prerequisites: Minimum grade of C- in THAR 254.
Co-requisites: THAR 301 and THAR 350.

THAR 350
Dance V
3 Credits Weekly (0-6-0)
In Dance V, students continue to develop their jazz dance skills through regular technique classes. They also explore specialized styles of dance used in musical theatre performance.
Prerequisites: Minimum grade of C- in THAR 260.
Co-requisites: THAR 301 and THAR 304.

THAR 351
Acting VI
3 Credits (0-5-0)
In Acting VI, students apply advanced-level performance skills to contemporary musical theatre repertoire. They also explore specialized dance and/or movement techniques.
Prerequisites: Minimum grade of C- in THAR 301.
Co-requisites: THAR 354 and THAR 360.

THAR 354
Voice VI
3 Credits (0-2.5-1.5)
In Voice VI, students continue to develop advanced-level vocal skills required for music theatre performers. Students take weekly group classes in speech and singing with a focus on the dialect/accent work, International Phonetic Alphabet (IPA) and contemporary/pop/rock repertoire. Students also continue to build their skills through one-on-one private lessons.
Prerequisites: Minimum grade of C- in THAR 304.
Co-requisites: THAR 351 and THAR 360.

THAR 360
Dance VI
3 Credits Weekly (0-6-0)
In Dance VI, students continue to develop their jazz dance skills through regular technique classes. They also further explore specialized styles of dance used in musical theatre performance.
Prerequisites: Minimum grade of C- in THAR 260.
Co-requisites: THAR 351 and THAR 354.

THAR 401
Acting VII
3 Credits Weekly (0-5-0)
In Acting VII, students develop the essential skills required for acting on camera. They also apply advanced-level performance skills to on-camera monologues and/or scenes.
Prerequisites: THAR 351.
Co-requisites: THAR 404 and THAR 440.

THAR 404
Voice VII
1.5 Credits (0-2-1)
In Voice VII, students continue to develop advanced-level vocal skills through weekly group voice classes and one-on-one private voice lessons. Students also expand their skills by exploring specialized industry-specific areas of voice work.
Prerequisites: THAR 354.
Co-requisites: THAR 401 and THAR 440.

THAR 440
Dance VII
1.5 Credits Weekly (0-2-0)
In Dance VII, students continue to finesse their dance skills through ongoing technique classes. They also explore methods for creating new dance and/or movement works.
Prerequisites: Minimum grade of C- in THAR 360.
Co-requisites: THAR 401 and THAR 404.

THAR 450
Performance I
3 Credits Total (0-0-200)
In Performance I, students develop and perform a role in a musical or play in the Department of Theatre's season. Through the production process, they refine their performance skills, cultivate professional etiquette, and collaborate with the creative team, fellow actors and technical staff/crew.
Prerequisites: Minimum grade of C- in THAR 251, THAR 254, and THAR 260.

THAR 451
Acting VIII
3 Credits Weekly (0-5-0)
In Acting VIII, students prepare to transition from university to the profession. They explore career management tools and learn how to engage in professional auditions.
Prerequisites: Minimum grade of C- in THAR 401.
Co-requisites: THAR 454 and THAR 461.

THAR 454
Voice VIII
1.5 Credits weekly (0-2-1)
In Voice VIII, students continue to develop advanced-level vocal skills through weekly voice classes and one-on-one private voice lessons. Students also rehearse and perform original and/or existing material for cabaret performance.
Prerequisites: THAR 354.
Co-requisites: THAR 451 and THAR 461.

THAR 460
Performance II
3 Credits Total (0-0-200)
In Performance II, students develop and perform a role in a musical or play in the Department of Theatre's season. Through the production process, they refine their performance skills, cultivate professional etiquette, and collaborate with the creative team, fellow actors and technical staff/crew.
Prerequisites: Minimum grade of C- in THAR 251, THAR 254, and THAR 260.

THAR 461
Dance VIII
1.5 Credits Weekly (0-2-0)
In Dance VIII, students finesse their dance skills through ongoing technique classes. They also learn how to engage in professional musical theatre dance auditions.
Prerequisites: Minimum grade of C- in THAR 360.
Co-requisites: THAR 451 and THAR 454.

THAR 470
Performance III
3 Credits Total (0-0-300)
In Performance III, students develop and perform a role in a musical or play in the Department of Theatre's Season. Through the production process, they refine their performance skills, cultivate professional etiquette, and collaborate with the creative team, fellow actors and technical staff/crew.
Prerequisites: Minimum grade of C- in THAR 251, THAR 254 and THAR 260.

THAR 480
Performance IV
3 Credits Total (0-0-300)
In Performance IV, students develop and perform a role in a musical or play in the Department of Theatre's Season. Through the production process, they refine their performance skills, cultivate professional etiquette, and collaborate with the creative team, fellow actors and technical staff/crew.
Prerequisites: Minimum grade of C- in THAR 251, THAR 254 and THAR 260.

THAS – Therapist Assistant

THAS 101
Normal Development of Speech, Language and Literacy
3 Credits Weekly (3-0-0)
This course provides students with an overview of normal speech and language development. The normal developmental milestones and sequence of typical language development from birth through to the school aged years are presented. Emergent literacy skills and literacy development are reviewed. General techniques for facilitating early speech, language and literacy development are identified.

THAS 102
Communication Disorders
4 Credits Weekly (4-0-0)
This course introduces speech, language, fluency and voice disorders. Developmental, genetic and acquired disorders of communication in both children and adults are reviewed. Basic speech and hearing anatomy and physiology, including the respiratory system, vocal apparatus, oral cavity, ear and neurological system are also discussed.

THAS 103
Pathology
4 Credits Weekly (4-0-0)
Students are introduced to the terminology, etiology, signs and symptoms, progression, and effects of common human disorders experienced by clients undergoing occupational and physical therapy treatments.

THAS 104
Role and Responsibilities of Paraprofessionals in an Educational Setting
2 Credits Weekly (2-0-0)
This course focuses on the knowledge, skills and attitudes paraprofessionals need to support both teachers and children in early education and primary (K-3) classrooms. Students explore the role of a Speech Language Pathologist Assistant in the educational setting. Beginning with an analysis of their own educational beliefs, students analyze role guidelines and professional ethics. Students study best practices in effective classroom communication and teamwork. Through a review of the components of an Individualized Program Plan/Learner Support Plan, students explore the documentation of children's progress in cooperation with other members of the educational team. The adaptation and modification of programming is explored, and students develop learning activities and materials.

THAS 115
Human Development
4 Credits Weekly (3-2-0)
Students examine typical and non-typical human growth and development across the lifespan. Rehabilitation strategies to address deficits in mobility, cognition, and socialization with emphasis on pediatrics and geriatric populations are discussed. The effects of declining health associated with aging are addressed through rehabilitation interventions. Students are introduced to geriatric focused interventions that occur in a variety of settings. Rehabilitation strategies that address the pathological manifestations affecting the neurosensory system are introduced and practiced. Perspectives on rehabilitation measures for persons with cancer include discussion of contraindications and precautions.

THAS 116
Functional Anatomy and Orthopedics
4 Credits Weekly (3-3-0)
An introduction to functional anatomy as it relates to human movement and common orthopedic conditions. Clinical measurement techniques, documentation and development of intervention strategies are included.
Prerequisites: Minimum grade of C- in HLSC 104, HLSC 105 and THAS 103.

THAS 117
Principles and Techniques of Client Contact
3 Credits Weekly (2-3-0)
Students are introduced to client contact including procedures to ensure provider and patient safety and dignity, along with techniques and devices designed to improve patient mobility. Implementation of the health record for data collection and information sharing is introduced. Methods for effective management of challenging behaviors and situations are presented. Ethical and professional standards as well as interdisciplinary teamwork, are discussed.
Prerequisites: Minimum grade of C- in HLSC 104, HLSC 105 and THAS 103.

THAS 201
Therapeutic Interventions I: Articulation and Phonology
5 Credits Weekly (5-0-0)
This course focuses on learning styles and therapy techniques to implement articulation and phonological therapy. Activities and strategies reflective of various treatment approaches are discussed. Session planning, reporting progress and organization of the therapy interaction are introduced. Cueing, reinforcement, feedback and choosing materials are covered. This course also reviews therapy approaches for children and adults with neuromotor speech disorders.
Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 115.

THAS 202
Therapeutic Interventions II: Introduction to Clinical Role and Skills
3 Credits Weekly (3-0-0)
This course highlights the role and responsibilities of a Speech-Language Pathologist Assistant. The SLP/SLP Assistant relationship is also reviewed. This course also introduces students to various clinical skills including the use of the International Phonetic Alphabet. Students learn how speech sounds are produced and classified. Students refine their abilities to distinguish individual speech sounds and transcribe normal and disordered spontaneous speech. Clinical skills to enhance voice and fluency disorders are reviewed. Students also learn to complete hearing screenings. Amplification systems for hearing impaired individuals are reviewed.
Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 115.

THAS 203
Field Placement I
5 Credits Total (0-0-295)
This course is a seven week field placement under the supervision of a Speech-Language Pathologist. The field placement allows the student to practice skills related to articulation and phonology. Students are required to practice in a self-reflective manner and participate in on-line seminars.
Prerequisites: TAST 102, and minimum grade of C- in THAS 201 and THAS 202.

THAS 210
Field Placement I
4 Credits Total (0-0-205)
Students integrate knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement treatment interventions, develop confidence, and collaborate in inter-professional teams. Students demonstrate accountability, responsibility and professional values. Students use clinical skills and attributes including reflection on practice and participation in ongoing learning.
Prerequisites: Minimum grade of C- in THAS 220, THAS 221, THAS 222 and THAS 223 and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, 223.

THAS 211
Field Placement II
4 Credits Total (0-0-205)
Students continue to develop their integration of knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement treatment interventions and collaborate in inter-professional teams. Students demonstrate accountability, responsibility and professional values. Students develop clinical skills and attributes including reflection on practice and participation in ongoing learning.
Prerequisites: Minimum grade of C- in THAS 220, THAS 221, THAS 222 and THAS 223 and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, 223.

THAS 212
Field Placement III
4 Credits Total (0-0-205)
In this placement, students consolidate knowledge and skills to demonstrate competent, safe, and ethical practice under the supervision of a Physical Therapist and/or Physical Therapist Assistant and/or Occupational Therapist and/or Occupational Therapist Assistant. Students implement the skill set of a Physical Therapist Assistant/Occupational Therapist Assistant, develop confidence, and collaborate interprofessionally. Students demonstrate accountability, responsibility and professional values. Students further develop clinical skills and attributes including reflection on practice and participation in ongoing learning.
Prerequisites: Minimum grade of C- in THAS 220, THAS 221, THAS 222 and THAS 223, and successful completion of all lab exams in THAS 116, 117, 220, 221, 222, 223.

THAS 213
Therapeutic Interventions III: Language
5 Credits Weekly (5-0-0)
This course explores language intervention approaches. Students are introduced to therapy techniques appropriate to implementing treatment for language delays and acquired disorders with toddler, pre-school, school-aged and adult populations. Choosing age-appropriate materials and activities is practiced. Students acquire skills to document progress. This course encompasses strategies for working with clients one-on-one and in groups.
Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 104, THAS 115.

THAS 214
Therapeutic Interventions IV: Clients with Concurrent Diagnoses
4 Credits Weekly (4-0-0)
Students learn speech and language therapy techniques in order to provide communication intervention to clients with a range of concurrent diagnoses. Augmentative and alternate communication devices are reviewed. Students are also introduced to therapy approaches for adults with voice and fluency disorders.
Prerequisites: THAS 201 and THAS 202.

THAS 215
Field Placement II
5 Credits Total (0-0-295)
This course is a seven week field placement under the supervision of a Speech-Language Pathologist. The field placement allows the student to practice skills related to language interventions. Students are required to practice in a self-reflective manner and participate in on-line seminars.
Prerequisites: TAST 102, and a minimum grade of C- in THAS 233, THAS 234 and THAS 237.

THAS 216
Sign Language
2 Credits Weekly (2-0-0)
This course prepares students to use basic manual signing skills such as American Sign Language (ASL) and Signing Exact English (SEE) with clients who have hearing loss or are experiencing communication delays. The most important basic aspects of ASL and SEE that are appropriate for stimulating language development are covered.

THAS 220
Exercise in Physical Therapy
5 Credits Weekly (3-4-0)
Students apply focused therapeutic exercise and gait re-education in response to identified treatment goals in physical therapy environments. Techniques covered include range of motion, stretching, pool therapy, aerobic exercise, strengthening (including core stability), ergonomics and work evaluation, posture and gait, group exercise, and PNF (proprioceptive neuromuscular facilitation). The role of therapeutic exercise principles in the treatment of a variety of conditions and the use of exercise software in the formulation of exercise programs are covered. Emphasis is placed on the purpose, benefits, safe instruction, and progression of activities.
Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS 221
Modalities and Acute Care Interventions in Physical Therapy
4 Credits Weekly (3-2-0)
Students discuss and practice the use of electrotherapy and other commonly used rehabilitation modalities including heat, cold, ultrasound, laser, TENS, muscle stimulation, interferential current, traction, and compression therapy. The purposes, benefits, and contraindications of these modalities and their safe implementation are stressed. Students are introduced to the theory and practice of aspects of acute care rehabilitation interventions for pulmonary and post-surgical conditions.
Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS 222
Occupational Therapy in Mental Health
4 Credits Weekly (3-2-0)
The role of the Occupational Therapist Assistant is discussed and practiced in relation to occupational therapy services for persons with disorders in the psycho-emotional and socio-adaptive perspectives. Utilizing a client-centered approach, students practice the implementation of individual, family and group occupational engagement, addressing a variety of ages and disorders. Attention is given to provider and client safety issues. Information gathering, reporting and documentation are included.
Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS 223
Occupational Therapy in Physical Dysfunction
5 Credits Weekly (4-2-0)
Students apply occupational therapy interventions under the direction of an Occupational Therapist in the sensory motor, self care, productivity and leisure performance components. Environmental contexts are considered.
Prerequisites: Minimum grade of C- in THAS 115, THAS 116 and THAS 117.

THAS 233
Therapeutic Interventions III: Language
4 Credits Weekly (5-0-0)
This course explores language intervention approaches. Students are introduced to therapy techniques appropriate to implementing treatment for language delays and acquired disorders with toddler, pre-school, and school-aged children . Choosing age-appropriate materials and activities is practiced. Students acquire skills to document progress. This course encompasses strategies for working with clients one-on-one and in groups.
Prerequisites: PSYC 104, THAS 101, THAS 102, THAS 104, THAS 115.

THAS 234
Therapeutic Interventions IV: Clients with Concurrent Diagnoses
4 Credits Weekly (4-0-0)
Students learn speech and language therapy techniques in order to provide communication intervention to clients with a range of concurrent diagnoses. Augmentative and alternate communication devices are reviewed. Students are also introduced to basic sign language skills and resources.
Prerequisites: THAS 201 and THAS 202.

THAS 237
Therapeutic Interventions V: Adult Populations
3 Credits
This course examines therapy approaches for adults with various communication disorders. Activities and strategies reflective of various treatment approaches are discussed in addition to cueing, feedback and documenting progress. Communication intervention approaches for adults with fluency and voice disorders will also be reviewed.
Prerequisites: THAS 201, THAS 202, INTD 105.

THPR – Theatre Production

THPR 100
Theatre Production Boot Camp
3 Credits Total (45-0-0)
This course introduces shop procedures, rules, and regulations. Boot Camp is an intensive week focused on shop and general theatre safety, providing introductory knowledge and skills necessary to function safely and effectively in the program. Note: Students must successfully complete this course in order to continue in the program.

THPR 101
Technical Crafts I: Audio and Lighting
3 Credits Total (15-30-0)
This course is designed to acquaint first-year students with the basics of audio and lighting methods, techniques, and technology. Students identify, connect, and employ equipment and software for both lighting and audio, and practice basic skills to successfully engage in production.

THPR 102
Artisan Crafts I: Paint, Props and Costume
3 Credits Total (15-30-0)
In this introductory course students will explore the areas of paint, props, and costumes for the theatre. Best practice, tool use, and safety will be emphasized. Discipline-related research and documentation skills will be initiated.

THPR 103
Stage Crafts I: Carpentry, Drafting and Rigging
3 Credits Total (15-30-0)
Throughout this introductory course, students learn construction through drafting and an introduction to carpentry. Students will also learn how scenery moves including theatre rigging practices and safety.

THPR 104
Production I
3 Credits Total (35-0-105)
This course introduces students to safe shop procedures, rules, and regulations, which provides the student with the introductory knowledge and skills necessary to function safely and effectively in the program and industry. Students apply theories learned in class to a practical environment as they mount shows throughout the MacEwan University theatre department season. Safe work is emphasized.

THPR 121
Technical Crafts II: Audio and Lighting
3 Credits Total (15-30-0)
This course is designed to accelerate and advance the first-year student's understanding of both audio and lighting disciplines by building on the skills and expertise acquired in THPR 101. Students further refine their knowledge of connections, equipment, and software through practice by learning to utilize this equipment in support of production. Note: Credit can be obtained in only one of THPR 201 OR THPR 121.
Prerequisites: THPR 101.

THPR 122
Artisan Crafts II: Paint, Props and Costume
3 Credits Total (15-30-0)
This course builds on production skills and knowledge of costumes, props, and paint. Note: Credit can be obtained in only one of THPR 202 OR THPR 122.
Prerequisites: THPR 102.

THPR 123
Stage Crafts II: Carpentry, Drafting and Rigging
3 Credits Total (15-30-0)
Students employ foundational knowledge from THPR 103 in the production shops with a focus on proficiency in carpentry and rigging. Students will plan layouts, select appropriate building materials, and learn to safely use hand and power tools. Note: Credit can be obtained in only one of THPR 203 OR THPR 123.
Prerequisites: THPR 103.

THPR 124
Production II
3 Credits Total (0-60-105)
Students apply theories learned in class to a practical environment as they mount shows throughout the MacEwan University theatre department season. Emphasis is placed on safety, backstage etiquette, craft, and documentation. Note: Credit can only be obtained in one of THPR 124 OR THPR 204.
Prerequisites: THPR 101, THPR 102, THPR 103 and THPR 104.

THPR 205
Theatre History I: Ancient Greece through the Renaissance
3 Credits Total (45-0-0)
This introductory course focuses on theatre history through the lens of theatrical production, innovations, and evolution. Students are exposed to movements in theatre from Ancient Greek through Renaissance eras. Students consider the influence of social movements on theatrical practices and develop an awareness of the stylistic features, types of décor, forms of costume, and artistic practices defining each period discussed.

THPR 206
Theatre History II: The Renaissance to the Modern Era
3 Credits (3-0-0)
This introductory course focuses on theatre history through the lens of theatrical production, innovations, and evolution. Students are exposed to movements in theatre from the Renaissance to the modern era. Students consider the influence of social movements on theatrical practices and develop an awareness of the stylistic features, types of décor, forms of costume, and artistic practices defining each period discussed.
Prerequisites: THPR 205.

THPR 211
Technical Crafts III: Audio, Lighting and Video/Projection
3 Credits Total (15-30-0)
This is an intermediate class in lighting and audio technologies, with an introduction to video and projection. Students will advance their skills as technicians by practicing how to set up, operate, and troubleshoot complex lighting, audio, and projection systems.
Prerequisites: THPR 121.

THPR 212
Artisan Crafts III: Paint, Props and Costume
3 Credits Total (15-30-0)
This course will advance the second-year student's practical abilities in scenic painting, props, and costume. It builds on the introductory skills learned through THPR 102 and THPR 122 while introducing the student to advanced techniques and crafting materials.
Prerequisites: THPR 122.

THPR 213
Stage Crafts III: Carpentry, Drafting and Welding
3 Credits Total (15-30-0)
Students continue to develop the skills acquired in Stage Crafts II: drafting, building, hanging, and welding projects as they explore the skills, attitudes, and competencies required to safely construct theatrical scenery.
Prerequisites: THPR 123.

THPR 214
Production III
3 Credits Total (0-60-105)
Students apply theories learned in class to a practical environment as they mount shows throughout the MacEwan University theatre department season. Emphasis is placed on safety, skills development, and attention to detail and documentation.
Prerequisites: THPR 121, THPR 122, THPR 123 and THPR 124.

THPR 221
Technical Crafts IV: Audio, Lighting and Video/Projection
3 Credits Total (15-30-0)
Building on the skills acquired in THPR 211, this is a continuing course in lighting, audio, and video/projection technologies. Students will finesse their technical skills while learning about introductory technical design, computer control, intelligent lighting, recording, sound mixing, and employing digital effects.
Prerequisites: THPR 211.

THPR 222
Artisan Crafts IV: Paint, Props and Costume
3 Credits Total (15-30-0)
Building on skills learned through THPR 212, this course continues to expose students to advanced techniques, skills, and materials through hands-on projects.
Prerequisites: THPR 212.

THPR 223
Stage Crafts IV: Carpentry, Drafting and Rigging
3 Credits Total (15-30-0)
This course will advance students' learning as they are challenged to draft, plan, construct, and critique stage scenery. Emphasis will be placed on attitude and workmanship.
Prerequisites: THPR 213.

THPR 224
Production IV
3 Credits Total (0-60-105)
Students apply theories learned in class to a practical environment as they mount shows throughout the MacEwan University theatre department season. Emphasis is placed on safety, honing technical skills and work habits.
Prerequisites: THPR 211, THPR 212, THPR 213 and THPR 214.

THPR 300
Management I: Stage Management
3 Credits Weekly (3-0-0)
Students are introduced to the processes of stage management. They learn the skills required of the stage management team from pre-production through post-production of a performance, including creating the templates and records and developing the communication skills necessary for stage management.
Prerequisite: Consent of department required for non-Theatre Production students.

THPR 305
Theatrical Design I: Introduction
3 Credits Weekly (3-0-0)
This foundational course introduces students to the concepts and processes of theatrical design and to philosophies and techniques for theatre and found spaces. Students explore the differences between creating art and creating effective visual communication for the theatre.
Prerequisite: Consent of department required for non-Theatre Production students.

THPR 311
Technical Crafts V: Projection
3 Credits Weekly (1-2-0)
Students explore production planning, visual editing, software, and manipulation through hands-on projects.
Prerequisites: THPR 221.

THPR 312
Artisan Crafts V: From Concepts to Reality
3 Credits Weekly (1-2-0)
This course allows students to increase their skills by researching and building from the areas of costumes, props, and painting of the 20th and 21st centuries.
Prerequisites: THPR 222.

THPR 313
Stage Crafts V: Advanced Rigging and Stage Machinery
3 Credits Weekly (1-2-0)
This practical course examines truss and complex rigging systems, concert venues, and roadhouses. Students also investigate more complex stage mechanics such as revolves, lifts, and traps.
Prerequisites: THPR 223.

THPR 314
Production V
3 Credits Total (0-60-105)
Students apply theories learned in class to a practical environment as they mount shows throughout the MacEwan University theatre department season. Students at this level of practicum begin to engage in more independent work and begin to take on leadership roles within the theatre hierarchy.
Prerequisites: THPR 221, 222, 223 and 224.

THPR 321
Technical Crafts VI: Managing People and Networks
3 Credits Weekly (1-2-0)
Students in theatre production begin to learn organizational and management techniques of departments in audio, lighting, and video. Students also focus on developing skills in systems networking.
Prerequisites: THPR 221.

THPR 322
Artisan Crafts VI: Shop Management
3 Credits Weekly (1-2-0)
Students are introduced to management practices in costume, properties, and paint. Students learn techniques and strategies required to run a shop space, touring companies, and theatre productions. Students gain an active in-depth understanding of research methods for the theatre as part of shop management.
Prerequisites: THPR 312.

THPR 323
Stage Crafts VI: Technical Direction
3 Credits Weekly (3-0-0)
Students examine the role of the technical director and focus on planning, creative problem solving, and strategic thinking. The analysis-ideation-implementation process is introduced, and students practice techniques that enhance their communication and managerial-leadership skills.
Prerequisites: THPR 313.

THPR 324
Production VI
3 Credits Total (0-60-105)
Students apply theories learned in class to a practical environment as they mount shows throughout the MacEwan University theatre department season. Students at this level of practicum begin to engage in more independent work and begin to take on leadership roles within the theatre hierarchy. Emphasis is placed on leadership skills, production documentation, and mentorship of junior crew members.
Prerequisites: THPR 314.

THPR 400
Management II: Production Management
3 Credits Weekly (3-0-0)
Production management deals with two key segments of theatre: the craftspeople building the shows and resource allocation. This course focuses on the skills required to manage these elements, including communication, scheduling, and management techniques.
Prerequisites: 9 credits of 300-level THPR *(*p. 857*) courses.*

THPR 405
Theatrical Design II: Techniques
3 Credits Weekly (3-0-0)
In this practical course, students explore the processes of theatrical design and begin to develop techniques to communicate the visual elements of the design.
Prerequisites: THPR 305.

THPR 411
Technical Crafts VII: Advanced Techniques
3 Credits (1-2-0)
Students employ advanced techniques in lighting, audio, or video/projection, including live mixing, media servers, automated lighting, and system networking.
Prerequisites: THPR 321.

THPR 412
Artisan Crafts VII: Advanced Techniques
3 Credits Weekly (1-2-0)
This course allows students to increase their skills by building and researching costumes, props, and painting techniques prior to the 20th century.
Prerequisites: THPR 222.

THPR 413
Stage Crafts VII: Show Control
3 Credits Weekly (1-2-0)
Students plan and construct complex moving scenic elements or stage mechanisms through drafting, planning, and execution.
Prerequisites: THPR 313.

THPR 414
Production VII
3 Credits Total (0-60-105)
Students apply theories learned in class to a practical environment as they mount shows throughout the MacEwan University theatre department season. Students at this level of practicum take on leadership roles within the theatre hierarchy. Emphasis is placed on leadership skills, production documentation, and mentorship of junior crew members.
Prerequisites: THPR 324.

THPR 421
Technical Crafts VIII: Capstone
3 Credits (0-0-3)
This capstone course offers students the opportunity to create and explore advanced projects and techniques in lighting, audio, and/or video.
Prerequisites: THPR 311 or THPR 411.

THPR 422
Artisan Crafts VIII: Capstone
3 Credits (0-0-3)
This capstone course offers students the opportunity to create and explore advanced projects and techniques in paint, props, and/or costume.
Prerequisites: THPR 312.

THPR 423
Stage Crafts VIII: Capstone
3 Credits (0-0-3)
This capstone course offers students the opportunity to create and explore advanced projects and techniques in carpentry, rigging and/or welding.
Prerequisites: THPR 313 or THPR 413.

THPR 424
Production VIII
3 Credits Total (0-60-105)
Students are expected to take on leadership positions and act as a crew head, technical director, production, or stage manager.
Prerequisites: THPR 414.

TRVL – Travel and Tourism

TRVL 110
Airline Fares and Scheduling Concepts
3 Credits Weekly (3-0-0)
This course is an introduction to the skills and knowledge required to research, plan and book domestic air travel. Students learn the airfare terms, codes, fare construction principles and fare application rules required to apply the appropriate fare to a traveller's air itinerary. This course is a prerequisite for all travel computer courses.

TRVL 115
Introduction to Travel and Tourism
3 Credits Weekly (3-0-0)
This course provides an overview of the tourism industry and sectors. Students learn the regulations, trade associations, definitions and terminology, and legal responsibilities related to travel and tourism. They examine the interrelationship of products and services to meet customer needs. Students are introduced to a wide range of career opportunities in the largest industry in the world.

TRVL 116
Destinations I
3 Credits Weekly (3-0-0)
In this course, students study the tourist attractions, unique features, culture, climate, topography and geography of countries in North and South America, focusing on destinations preferred by Canadian travellers. Students also review and identify current events relevant to these destinations.

TRVL 120
Domestic Air Travel
3 Credits Weekly (3-0-0)
Students apply basic fare construction principles to an automated working environment. The focus is on North American travel itineraries and fares, and their application to standard airline documents. Students use a Global Distribution System (GDS), the Internet and third party software systems.
Prerequisites: MGTS 107, TRVL 122.

TRVL 122
Introduction to Computerized Reservations
3 Credits Weekly (3-0-0)
This course offers hands-on experience with one of the leading GDS (Global Distribution Systems) used in the travel industry. The automated reservations system is introduced and used in making corporate and leisure travel arrangements. Students access information used in the daily operations of a travel agency.
Prerequisites: TRVL 110.

TRVL 125
Travel Products and Services
3 Credits Weekly (3-0-0)
This course develops the students' knowledge of leisure travel & tourism products and services. Students analyze travel packages, independent, inclusive, and escorted tours including booking procedures and costing. They study accommodations, ground transportation, travel insurance and the application of manuals, brochures and reference information.
Prerequisites: TRVL 115.

TRVL 126
Destinations II
3 Credits Weekly (3-0-0)
In this course, students study the tourist attractions, unique features, culture, climate, topography and geography of countries and regions in Europe, Asia, and the South Pacific, focusing on destinations preferred by Canadian travellers. Students also examine current events relevant to these destinations.
Prerequisites: TRVL 116.

TRVL 230
International Air Travel
3 Credits Weekly (3-0-0)
This course focuses on the skills necessary to research, plan and book international air travel and itineraries in an automated environment. Students use the Global Distribution System (GDS), the Internet and third party software programs to research prices, routings and immigration regulations for international travel.
Prerequisites: TRVL 120, TRVL 125, and TRVL 126.

TRVL 232
Selling Travel Products and Services
3 Credits Weekly (3-0-0)
This introductory sales course is designed to acquaint students with the principles of modern selling techniques as they apply to the travel industry. It enables students to recognize and apply the theories of effective personal selling techniques in an ethical and professional manner.
Prerequisites: ENGL 211.

TRVL 233
Travel Accounting
3 Credits Weekly (3-0-0)
This course introduces students to the basic terminology, concepts and principles of accounting. Emphasis is on the practical skills required in an automated travel industry environment. Students process payments and prepare documents, and maintain customer data for marketing purposes.
Prerequisites: TRVL 120, TRVL 125 and TRVL 126.

TRVL 236
Destinations III
3 Credits Weekly (3-0-0)
This course is an overview of adventure and exotic world destinations including India, the Middle East, Africa, Antarctica and other regions. Students study the unique features, culture and customs, climate, topography and geography of these destinations. Emphasis is on adventure and exotic experiences that travellers are seeking.
Prerequisites: TRVL 126.

TRVL 241
Selling and Marketing Travel
3 Credits Weekly (3-0-0)
This is an advanced sales course designed to reinforce the principles of modern selling techniques and the application of these to everyday sales situations in the travel industry. Students are also introduced to basic planning and marketing situations that they may encounter in a work environment.
Prerequisites: TRVL 125, TRVL 232.

TRVL 242
Advanced Computer Reservations
3 Credits Weekly (3-0-0)
This is an advanced application course in the use of the Global Distribution Systems (GDS), third party software and practical application of the Internet. Students practice complex tasks needed to become proficient in car and hotel bookings, tour and cruise bookings and corporate Passenger Name Records (PNRs). This final industry computer course ensures that current computer and software enhancements are covered.
Prerequisites: TRVL 230, TRVL 241, TRVL 233, and TRVL 236.

TRVL 243
Tourism Industry Suppliers
3 Credits Weekly (3-0-0)
This course provides students with the current product knowledge and industry contacts to begin their careers. Industry supplier presentations ensure the student are current with industry trends and allows the opportunity for personal networking. Students research the leading travel suppliers, niche tourism markets, and analyze various products.
Prerequisites: TRVL 230, TRVL 241, TRVL 233, TRVL 236.

TRVL 244
Practicum
3 Credits Total (45-0-160)
Through this work placement, students gain experience in the various responsibilities of a travel professional. Supervised by an industry specialist, students practice the technical procedures, customer service and sales skills in demand by employers.
Prerequisites: TRVL 230, TRVL 233, TRVL 236, TRVL 241.

TRVL 245
The Cruise Market
3 Credits Weekly (3-0-0)
This course focuses on the cruise industry and its importance as a major component in both the vacation and incentive travel markets. Students study the cruise product, cruise lines, classifications, types of cruises and discover what attracts travellers to cruising. They become familiar with standard industry references and other current reference material.
Prerequisites: TRVL 125, TRVL 236.

URBW - Urban Wellness

URBW 389
Urban Crises and Wellness
3 Credits Weekly (3-0-0)
In this introductory course on Urban Wellness, we will identify the different environmental, social, and economic crises that urban residents recurrently experience. The interconnectedness and simultaneity of these crises have forced us to reconsider municipal siloed problem-solving processes. Urban wellness offers a holistic perspective on how to deal with compound urban crises and improve the lives of urban dwellers. We will discuss current policies and governance interventions to manage these crises and their limitations, while reflecting on the phenomenon and concept of urban wellness, which offers promising answers to the challenges of compound urban crises and their management. We will pay particular attention to how urban wellness considers questions of inclusion and social justice. Seeking answers from a variety of fields, this course will feature interventions from diverse scholars and practitioners of urban wellness policies and governance.
Prerequisites: Third-year standing with minimum grades of C- in at least 6 credits in any combination of courses from Anthropology, Economics, and Political Science.

URBW 497
Topics in Urban Wellness
3 Credits Weekly (0-0-3)
This multidisciplinary seminar course focuses on the analysis of selected issues related to Urban Wellness. It includes a detailed research component. Potential topics include interdisciplinary approaches towards a good city, urban wellness and the absence of threat, or the synergies and conflicts between climate policy and urban wellness. The instructor chooses the topic in any given semester. Note: This course may be taken up to two times provided the course topic is different.
Prerequisites: A minimum grade of C- in URBW 389 or permission of the Department.

WINL – Work Integrated Learning

WINL 200
Work Integrated Learning
3 Credits Total (0-0-90)
The student engages in entry-level work integrated learning through employment with the agency that would typically last for one semester. Any placement needs department approval. After the successful completion of the placement, there is a demonstration of the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement.
Prerequisites: Second year standing and consent of the department.

WINL 300
Work Integrated Learning Individual Study
3 Credits Total (0-0-90)
The student engages in work integrated learning through employment with the agency that would typically last for one semester. Any placement needs department approval. After the successful completion of the placement, there is a critical analysis/demonstration of the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement.
Prerequisites: Consent of the Department.

WINL 301
Work Integrated Learning Within a Class Setting
3 Credits Total (0-0-135)
Students engage in work integrated learning through a placement with an agency or community organization involving either a paid (employment) or an unpaid (volunteer) position and course-based instruction. The aim is to enable students to develop the ability to integrate their learning through a combination of academic and work-related activities. Enrolment requires department/Faculty approval. Successful completion of the course involves both a placement component (e.g. work experience) and coursework in a group setting (e.g. class experience), including a critical analysis/demonstration of the learning accomplished. The contact hours are a minimum of 90 hours but can involve more depending on the placement.
Prerequisite: Consent of the Department.

WRIT - Writing

WRIT 101
First Year Writing
3 Credits Weekly (3-0-0)
This course introduces students to the genres of writing required in university and beyond. Through a series of writing assignments, the course will help students develop a theory of writing that they can use in a variety of contexts. Students will write in several genres and learn strategies for effective research and revision. NOTE: WRIT 101 is intended for students in diploma programs. Students cannot receive credit for both WRIT 101 and ENGL 102.

ZOOL – Zoology

ZOOL 224
Vertebrate Adaptations and Evolution
3 Credits Weekly (3-3-0)
This course provides a comprehensive introduction to the diversity of vertebrates using an evolutionary approach. Morphological, physiological, and behavioural adaptations related to the life of vertebrates in aquatic and terrestrial habitats are emphasized. Students employ the principles of systematics and taxonomy in the classification of vertebrates.
Prerequisites: A minimum grade of C- in BIOL 108.

ZOOL 241
Animal Physiology I: Homeostasis
3 Credits Weekly (3-0-1)
This course examines physiological systems that regulate the internal conditions of animals. Emphasis is placed on mechanisms that regulate water and ions, respiratory gases, and temperature in relation to the external environment. Physiological systems from both invertebrates and vertebrates are studied.
Prerequisites: A minimum grade of C- in BIOL 107.

ZOOL 242
Animal Physiology II: Intercellular Communication
3 Credits Weekly (3-0-1)
This course examines the physiological systems of animals that involve intercellular communication. Focus is on the endocrine, neural, sensory, motor, and immune systems of invertebrate and vertebrate animals.
Prerequisites: A minimum grade of C- in BIOL 107.

ZOOL 250
Invertebrate Zoology
3 Credits Weekly (3-3-0)
This course explores the evolution and ecological roles of invertebrate animals. The diversity of ecological niches, behaviours, and life histories of invertebrates are related to functional anatomy. In the laboratory, students explore the diversity and functional anatomy of invertebrates using live and preserved specimens. The course includes an optional field trip to a coastal area.
Prerequisites: A minimum grade of C- in BIOL 108.

ZOOL 324
Comparative Anatomy of the Vertebrates
3 Credits Weekly (3-3-0)
This course provides a comparative survey of the anatomy of vertebrates emphasizing evolutionary trends and anatomical adaptations for life in aquatic and terrestrial habitats. Special emphasis is placed on fish and mammals. The laboratory develops advanced dissection skills.

ZOOL 325
Entomology
3 Credits Weekly (3-3-0)
Insects are the most successful animals on Earth. This course examines their evolutionary history and adaptations that have led to their success. Insect behaviour is examined as it relates to morphology, lifecycle, and ecology to explain how insects can be dominant in diverse ecological situations. The economic, medical, scientific and cultural impact of insects is surveyed. The laboratory emphasizes methods of collecting, preserving, and identifying insect groups.
Prerequisites: A minimum grade of C- in ZOOL 250.

ZOOL 400
Aquatic Vertebrates
3 Credits Weekly (3-3-0)
This course examines the evolution and natural history of fish, amphibians, birds, reptiles, and mammals in aquatic environments. Topics include behavioural, morphological, and physiological adaptations. Students summarize, interpret, and present scientific literature. The laboratory focuses on biodiversity, fecundity, locomotion, and molecular systematics with emphasis on native species of Alberta.
Prerequisites: Minimum grades of C- in ZOOL 224 and one of BIOL 310, BIOL 361, BIOL 367, or ZOOL 324.

ZOOL 401
Terrestrial Vertebrates
3 Credits Weekly (3-3-0)
This course examines the evolution and natural history of amphibians, birds, reptiles, and mammals in terrestrial environments. Topics include behavioural, morphological, and physiological adaptations. Students summarize, interpret, and present scientific literature on ecological and environmental issues of terrestrial vertebrates. The laboratory focuses on native species of Alberta.
Prerequisites: Minimum grades of C- in ZOOL 224 and one of BIOL 312, BIOL 367, or ZOOL 324.

ZOOL 452
Principles of Parasitism
3 Credits Weekly (3-3-0)
Using an ecological approach, this course examines the relationships between parasites and their animal hosts. The structural and physiological adaptations used by parasites to successfully complete their life cycles are discussed, as well as host defensive strategies. Examples of human parasitic infections are explored. The laboratory emphasizes parasite morphology, life cycles, behaviour, systematics, and evolution.
Prerequisites: A minimum grade of C- in ZOOL 250.

GLOSSARY

The glossary (https://webapps.macewan.ca/datacookbook/calendar-glossary.php) represents a list of the various terms and definitions that students, faculty, and staff encounter at MacEwan University.

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