



UNIVERSITY OF
REGINA

2009-2010
**Undergraduate
Course
Catalog**



Innovation

UNDERGRADUATE COURSE CATALOG

2009 - 2010

This catalog is not intended to be and should not be regarded as a contract between the University and any student or other person. It is intended for the guidance of persons applying or considering application for admission to the University of Regina and for the guidance of University students and faculty. This Catalog sets forth in general the manner in which the University intends to proceed with respect to the matters set forth herein, but the University reserves the right to depart without notice from the terms of this catalog.

The electronic version of this document may be found on the University's website at: www.uregina.ca/genca/ and is intended for reference purposes only. Official information on the most current courses may be found through UR Self-Service.

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1.1 PREAMBLE

The course catalog is a reference document containing an alphabetical listing of undergraduate courses offered at the University of Regina at the time of printing. The official course listing may be found at *UR Self-Service* from the University's homepage www.uregina.ca.

1.2 HOW TO READ COURSE DESCRIPTIONS

ARTS 001-004

1:0-0

Arts Co-op Work Term I - IV

Four-month, Co-op work term approved by the Faculty and arranged by the co-op coordinator.

*** Prerequisite: Acceptance into the Arts Co-operative Education Program. ***

** Permission of the Co-op Coordinator is required to register. **

* Note: This course is graded on a pass/fail basis. *

The formatting of each course is as follows:

- The first line is the Subject abbreviation and Course number. To the far right are the Credit Hours and Contact Hours, which are formatted using a 3-digit code.
 - The first digit represents the number of Credit Hours the course is worth.
 - The second digit represents the maximum number of lecture hours per week including the time between classes.
 - The third digit represents the maximum number of hours per week spent in labs, seminars, ensembles, studios, or directed readings.
- The second line is the Full Course Title. This is the title of the course. If there is a dash followed by "an AA-ZZ series", this means that various topics may be offered under this base course.
- The following lines are the Course Description. The course description is a brief summary of the content to be covered in the course. The course description is followed by required prerequisites, corequisites, special approvals, and any special notes.
 - Three asterisks (***) bracket all required prerequisites and corequisites with prerequisites appearing first followed by corequisites.
 - Two asterisks (**) bracket all required special approvals and follows the pre/corequisites,
 - One asterisk (*) brackets any additional information related to the specific course and follows special approvals.

1.3 SUBJECT TABLE – DESCRIPTION AND CODE

The code is the identifier printed in the Course Catalog. The online Course Catalog uses the subject description for searching. The output will display the subject code.

Subject Description	Subject Code
Academic Foundations	ACAD
Actuarial Science	ACSC
Administration	ADMN
Adult Education	AE
Adult Mathematics	AMTH
Anthropology	ANTH
Arabic	ARBC
Art	ART
Art History	ARTH
Arts Co-op Work Term	ARTS

Arts Work Exp. Internship	AWEI
Asia-Hands on Asia	ASIA
Astronomy	ASTR
Biochemistry	BIOC
Biology	BIOL
Business	BUS
Catholic Studies	CATH
Certificate in Administration	CA
Chemistry	CHEM
Child and Family Studies	CFST
Chinese	CHIN
Classical Studies	CLAS
Community Development	CDEV
Computer Science	CS
Cree Language Studies	CREE
Dakota	DAK
Dene	DENE
Development Studies	DEVS
Développement et enrichissement langagiers en français	DELF
Développement linguistique culturel	DLC
Didactique art visuel	DART
Didactique éducation jeunes enfants	DEJE
Didactique éducation physique	DEPH
Didactique études sociales	DESO
Didactique français	DFRN
Didactique langue	DLNG
Didactique lecture	DLEC
Didactique mathématique	DMTH
Didactique français milieux minoritaires	DFMM
Didactique science	DSCI
Didactique du mieux-être	DMXE
Economics	ECON
ED Adult Education & Human Resources	EAHR
ED Aesthetic Education	EAES
ED Business Education	EBUS
ED Computer Education	ECMP
ED Cross-Cultural Education	ECCU
ED Dance Education	EDAN
ED Dance Teacher Education	EDTE
ED Drama Education	EDRA
ED Early Childhood Education	ECE
ED Education	ED
ED Education Administration	EADM
ED Education Core Studies	ECS
ED Education Core Studies (Cours commun en éducation - français)	ECSF
ED Education Field Experiences	EFLD
ED Education School Librarianship	ELIB
ED Educational Foundations	EFDN
ED Education Professional Studies (Études professionnelles en éducation - français)	EPSF
ED Educational Psychology	EPSY
ED Expériences d'apprentissage hors campus	EDAC
ED First Nations' Outdoor Education	EIOE
ED French & Other International Languages	EFIL
ED French Education	EFRN
ED Health Education	EHE
ED Indian Language Arts	EINL
ED Indigenous Education Administration	EIEA
ED Indigenous Education	EIND
ED Indigenous Health Education	EINH
ED Indigenous Special Education	EISE

ED Indigenous Studies Education	EIST
ED Language Arts Education	ELNG
ED Literature Education	ELIT
ED Mathematics Education	EMTH
ED Middle Years Education	EMY
ED Music Education	EMUS
ED Outdoor Education	EOE
ED Physical Education	EPE
ED Professional Studies in Education	EPS
ED Reading Education	ERDG
ED Religious Education	EREL
ED Science Education	ESCI
ED Social Studies Education	ESST
ED Visual Education	EVIS
Electronic Systems Engineering	ENEL
Engineering General	ENGG
English	ENGL
Environmental Health & Science	ENHS
Environmental Systems Engineering	ENEV
Études franco-canadiennes	EFC
European Studies	ES
Film	FILM
Fine Arts	FA
French	FR
French as a Second Language	FRLS
French Language Institute	FRLI
Geography	GEOG
Geology	GEOL
German	GER
Health Studies	HS
History	HIST
Human Justice	HJ
Humanities	HUM
Indian Art	INA
Indian Art History	INAH
Indian Communications Arts	INCA
Indian Health Studies	INHS
Indian Social Work	ISW
Indigenous Studies	INDG
Industrial Systems Engineering	ENIN
Intercultural Leadership Program	ILP
Interdisciplinary Studies	IDS
International Affairs	INAF
International Studies	INTL
Japanese	JAPN
Journalism	JRN
Kinesiology & Health Studies	KHS
Korean	KOR
Language	LANG
Latin American Studies	LAS
Linguistics	LING
Local Government Authority	LG
Logic	LGC
Mathematics	MATH
Music	MU
Music Ensemble	MUEN
Nakota	NAK
Pastoral Studies	PAST
Petroleum Systems Engineering	ENPE
Philosophy	PHIL
Physics	PHYS
Police Studies	PLST
Political Science	PSCI
Prairie Studies	PRST

Psychology	PSYC
Public Relations Certificate	PR
Reading & Writing	RDWT
Real Property Assessment	RPA
Religious Studies	RLST
Saulteaux Language Studies	SAUL
Science & Technology Studies	STS
Social Studies	SOST
Social Work	SW
Sociology	SOC
Software Systems Engineering	ENSE
Spanish	SPAN
Statistics	STAT
Theatre	THEA
Ukrainian	UKR
Women's and Gender Studies	WGST

1.4 HOW TO SEARCH COURSES ON THE WEB

- The first step is getting to the Course Catalog online, which is available on the University's home page at www.uregina.ca. The Course Catalog link is on the *UR Self-Service* page, which can be accessed by either using the Quicklinks, other menu tags, or by searching Course Catalog using the search function. The Course Catalog can be found at https://banner.uregina.ca/prod/sct/bwckctlg.p_disp_dyn_ctlg.
 - Click on "Academic Calendar". "Academic Calendars & Course Catalog" will appear. Under the heading "Course Catalog", click on "UR Self-Service" and the "Catalog Term" will appear. The catalog term you choose will give you information relevant to that term. You should look at the Term in which you are planning to register.
 - Once the term has been selected, click on Submit. This will take you to the Search function. The Subject is the only required field that must be entered. By clicking on one subject, and then, while holding the shift button, on another subject above or below, you can select several subjects at once. Note: You must search by "Subject" (see table above). The output will be the courses that have the selected subject code(s).
 - You may wish to submit a Course Number Range.
 - If you enter a number into the "from" box, then only that course will be outputted.
 - If you enter a number in the "from" box AND the "to" box, both courses, and all courses in between, will be outputted.
- Note: All output will be in alphabetical order by Subject Code and then by Course Number.
- You may also search by "Title". You do not have to enter the full title.
 - If you search for a word, it will give you ALL titles that contain that word.
- Note: The search is case sensitive. If you search for MaTH, no courses will be retrieved.
- You may search by "Level". If you enter a "Subject", and then choose "Level Undergrad", all undergrad courses for the subject will display.
 - Lastly, you may search by "Credit range", that is the number of credits you are looking for, for each course.
 - Once your search criteria is placed, select "Get Courses" to retrieve the result.

1.5 FORMAT OF ONLINE COURSE CATALOG

The online format is slightly different.

Appearing will be the "Subject Code", "Number", and a dash with the "Full Course Title".

Below that will be the "Course Description", which is the same description as the printed Course Catalog. This is the location where you will see the description, prerequisites, corequisites, approvals, and any special notes.

After the description will be the "Hours". The "Credit", "Lecture", "Lab", and "Other hours" will be clearly labelled.

Following will be the "Level" of the course, the possible "schedule types", and the "Faculty" and "Department" to which the course belongs.

The final information on this page is "Course Attributes". Please ignore this information. It is to be used for future reference and may not currently be held true.

Note: You can click on anything that is underlined.

- You can click on the title which will take you to basically the same page, but shows Registration Restrictions placed on the course.

Note: It is the restriction that is on at the Section level that affects registration (which in most cases is different from that of Catalog).

- A schedule type that is underlined means there are sections scheduled for this course during the semester that you choose as the Catalog Term. If you click on one, you will get a list of the CRNs and the information about the sections for that specific course.

The Self Service Class Schedule works the same and is located in the same area. The only difference is there are more search options and there is more information that relates directly to the section. When searching the Class Schedule, you can get to the course's Catalog record (to check out the description, prerequisites, co-requisites, approvals needed, notes, etc.) by clicking on the View Catalog Entry link.

1.6 GLOSSARY OF TERMS

Academic Action

Sanctions which may be applied to a student for misconduct.

Academic/Faculty Advisor

Specific University staff members who help students decide which classes to take and who provide academic advice about degree programs and academic regulations, practices, and procedures. Usually they work in the faculty or federated college through which a student is registered.

Academic Unit

A University of Regina Faculty, Federated College, School, Department, or Institute.

Academic Year

May 1 to April 30.

Admission

Acceptance to the University following application.

Admission Requirements

What is required to get into University programs. These may include specific high school courses and minimum averages. Some programs have additional requirements such as an audition, portfolio, interview, or personal statement. For specific University of Regina admission requirements go to Admission Requirements, §2.4 of the General Calendar.

Advising

Meeting with an academic/faculty advisor that helps students decide which classes to take and to receive academic advice about degree programs and academic regulations, practices, and procedures. This is different from counseling, which provides support on personal issues through Counselling Services.

Aegrotat Standing

In rare circumstances, aegrotat standing in one or more courses in a semester may be granted on medical or compassionate grounds to a student who meets the following conditions:

- the student is prevented from completing the semester by serious illness or other extreme circumstances beyond the student's control;
- the student's illness is certified by a physician, or, other circumstances are certified by a professional in the relevant field or confirmed by other documentation acceptable to the dean;
- a deferral of term work and/or final examination is not appropriate because of the nature or severity of the illness or of the other circumstances;
- the student has completed at least 50% of the work contributing to the grade in the course; and,
- the instructor of the course confirms in writing that the student has demonstrated an understanding of the course material.

Aegrotat standing is granted by the dean of the faculty or college in which the student is enrolled.

The uncompleted work may be term work, the final examination, or a combination of the two.

Affiliated College

A post-secondary institution associated with the University but legally and financially independent. Academic affairs of affiliated colleges, in whole or in part, are governed by the Senate of the University without the institutions' becoming academically merged with the University.

Alternate Credit

One of two possible credit values which may be granted for a course.

Application/applying

The first step to be admitted to the University is submission of a University of Regina application form, transcript, application fee, and other required documents if necessary.

Approvals

Courses which are restricted and which require prior approval from an authorized designate before registration.

Ask UofR

A website service for future and current university students who have questions about admissions, tuition, transfers, registration, residences, student life, services and more.

Athletic Award

A grant of money to a student who participates in Canadian Inter-University Sport competition. These awards are governed by CIS regulations.

Audit (AU)

To audit a course is to attend without working for or expecting to receive formal credit. An Audit grade (AU) carries no credit.

Bursary

An award of money applied to tuition and fees that is based on financial need.

Catalog / Catalog Term

A set date or period of time that identifies which rules to follow. A course may have a different prerequisite depending on the catalog term. For example, a student admitted in 200930 may follow different program requirements than a student admitted in 201010.

Challenge Credit

Credit granted for demonstrating mastery of the content of a course and hence obviating the need to take the course. See §2.8.5 of the General Calendar.

Class

An individual meeting of the instructor with the students enrolled in a section of a course. Students enrol in sections of courses and attend classes. See also Year of Study.

Cognate Course

A course with content closely related to and supporting the content of another course.

Combined Major

A major that combines two subject areas to form a field of specialization.

Community Education Centres (CECs)

These are satellite educational locations intended to assist in the development of province-wide practicum resources and to make part-time studies accessible to an increased proportion of the province's population.

Concentration

A focus within a program, usually within a major, comprising a cluster of courses on a particular theme or topic, or a disciplinary component of a multidisciplinary degree program.

Concurrent Enrolment

Usually referred to as a prerequisite where enrolment is permitted in two courses at the same time. For example, if a student is deficient a prerequisite course, it may be taken simultaneously with the course for which it is required.

Concurrent Programs

Students enrol in concurrent programs when pursuing two degree, diploma, and/or certificate programs at the same time. Concurrent programs issue two credentials, which may be conferred at the same time or at different times. Students who enrol in concurrent degree programs must meet the requirements of §6.13 of the General Calendar. Students who enrol in concurrent programs at different institutions must obtain prior permission from their University of Regina faculty or college (see §2.8.4 of the General Calendar).

Confirmation of Enrolment

An official listing of course details.

Convocation

An assembly of the members of the University to recognize the admission of students to degrees and certificates and to announce prizes, awards, and honours.

Convocation Ceremony

The event held annually in the spring (June) and fall (October) to recognize students' graduation from a University program (see www.uregina.ca/convocation/).

Cooperative Education Program

A program wherein students spend alternate semesters engaged in paid employment that closely relates to and enhances their academic studies. All referred to as Work/Study program.

Corequisite

A required course that has to be taken simultaneously with another.

Course

A set of lectures or directed readings, and related sessions (such as labs and seminars) dealing with a particular topic or a number of related topics. Normally courses at the University of Regina run over a whole term (semester) and carry 3 credit hours.

Course Number

A number assigned to courses to show their depth and breadth of study and used when registering for classes.

Credential

A degree, diploma or certificate.

Credit Hour

The unit measuring educational credit, usually consisting of one weekly period lasting approximately one hour, or a given number of periods of laboratory work throughout one term (semester). A course timetabled to run three hours each week will usually carry 3 credit hours. Some courses carry fewer credit hours, some more.

Deferred Examination (DE)

Postponement of an examination for legitimate reasons, with special permission (see §5.7 of the General Calendar).

Department

An academic unit, within a faculty, concerned with a specific area of instruction or study.

Discipline (as subject area)

A branch of learning or field of study. A precise area of academic study, eg. mathematics, philosophy, art.

Distance Learning

Gives students an opportunity to take courses in their own communities. These may be taken online, televised, or face-to-face at SIAST campus and regional colleges across Saskatchewan.

Distinction / Great Distinction

A high standard of achievement in degree work, based on a graduating Program Grade Point Average (PGPA) of 80.00% to 84.99%. Great Distinction is reserved for students graduating with a PGPA of 85.00% or higher.

Double Major

A program component satisfying requirements for subject majors in two disciplines. Double majors require consultation with both departments concerned.

Early Conditional Admission

The category under which students may be admitted to the University while they are still in high school. This type of admission is based either solely on grade 11 marks or a combination of grade 11 and 12 marks. Once grade 12 is completed, students must submit an official transcript of their high school marks and meet final admission requirements to be accepted.

Effective Term

The point at which changes are effective. For example, if a course is deleted effective 200910, it may not be offered in 200910.

Elective

A course of the student's choice as opposed to a program requirement.

Equivalent Course

A course with a content that is the same as or similar to another course. Credit will be given for only one of the equivalent courses.

Exemption (EX)

This term is used when previous education, training or experience excuses a student from having to take certain prerequisites or fulfill

specific requirements. No credit hours are attached. Students may be required to take another course in lieu of the one for which an exemption is granted. Exemptions are granted by the student's faculty or college.

Expulsion

Dismissal for an indefinite period (in no case less than two calendar years). Students must petition to the Council Discipline Committee for permission to apply for readmission.

Faculty

1) Related academic disciplines grouped together for the purposes of administration and academic planning, eg. Arts, Education, Science; 2) Collectively, all professors, instructors and lecturers who teach University courses.

Federated College

A college federated with the University is a post-secondary institution, legally and financially independent, but academically integrated with the University. Campion College, Luther College and the First Nations University of Canada are colleges federated with the University of Regina.

First Year Orientation (FYO)

FYO is a day-long event that prepares first year students for University. It happens the week before classes start in the fall and includes a campus tour, information sessions, lunch, and a chance to meet faculty representatives.

Full Course Load

In most undergraduate programs, fifteen credit hours (normally five three-credit-hour courses) / term (semester) is considered to be a full course load. Individual programs may have exceptions.

Full-Time Student

Except for scholarship purposes, for undergraduate students, a full-time student is one who is registered in 9 or more credit hours of study per semester.

Grade Point Average (GPA)

A GPA is an average of numeric grades, adjusted for variations in the credit hours that are assigned to the courses in which the average is based. GPAs are calculated at the University of Regina for each semester (Term GPA – TGPA), for a student's program (Program GPA – PGPA), and for a student's whole academic record (Undergraduate GPA – UGPA, and Cumulative GPA – CGPA).

Grades/Marks

Grades for most courses range from 00% to 100%. Alphabetic grades are assigned in some courses. For a complete description of the grading system, see §5.9 of the General Calendar.

Grade Mode / Grading Mode

A code that denotes how a course is graded. Examples: N – normal (percentage grade), P/F – pass/fail, C/NC – credit/no credit, M – Maintenance of Candidacy, T – Transfer Credit, X – Non-graded.

Grading Term

A set date or period which identifies/determines applicable rules or regulations. For example, a course may have a different prerequisite in the 'catalog term' 201010 (Winter) than it does in the 'catalog term' 201030 (Fall).

Honours

A degree program in which students take a more intensive concentration in their major area. Graduating student will be awarded Honours or High Honours, depending on their graduating average (PGPA).

Incomplete (IN)

An interim grade assigned when term work is deferred for legitimate reasons.

International Exchange Agreements

Agreement between a postsecondary institution outside of Canada and the University of Regina that includes the general objectives of the exchange, the start and completion dates of the agreement, and the terms of agreement of the exchange. Exchange agreements may involve students, research, instructors, etc.

Joint Program

A program in which the courses from two faculties or two institutions are formally combined, issuing in one or two credentials. The University's requirements for additional degrees (§6.13 of the General Calendar) are met by such programs.

Letter of Permission

A letter confirming that a student will be granted transfer credit for a certain number of credit hours based upon successful completion of

courses at another post-secondary institution. Such a letter should be obtained **before** going to another institution to take courses.

Major

A subject of academic study chosen as a field of specialization.

Matriculation

To matriculate is to be officially admitted to the University after having met entrance requirements.

Minor

An option within a degree program whereby students can opt for coverage of a subject area less complete than that necessary for a major.

Non-Contributory Courses - Pass/Fail Grading

In some faculties, students may have the privilege of designating a limited number of credit courses as being non-contributory to the computation of their GPA. This means that they will not be included in the calculation of their GPA. Courses to be taken on a non-contributory basis must be so designated at the time of registration and must be approved by the student's faculty or college. For more information on non-contributory (pass/fail) courses, students should contact their faculty offices.

No Paper (NP)

When a student fails to write the final examination or fails to complete a mandatory component of a course, a grade of NP is assigned. An NP is a failing grade and is treated as 40% in the calculation of a student's GPA.

Numerically-Graded Course

A course graded on the percentage scale. Grades of 0-100%, NP (40%) and XF (00%) are considered numeric grades.

Online Course

A class that is taught on the Internet. Courses of this kind will often include online chats, discussion boards, online tutorials, and online assignment submission. For more information, see the Distance Education website.

Open Elective

A course of the student's choice from any faculty.

Overload

More than the full course load. Must be approved in advance by the student's faculty or federated college.

Part-of-Term (POT)

A code used to designate the length of time over which a course section is to be offered. It normally does not include examination days. For example, in the Fall and Winter semesters, Part of Term 1 runs from the first day of classes to the last day of classes.

Part-Time Student

For undergraduate students, one who is registered in fewer than 9 credit hours of study per semester.

Pass/Fail Grading

See Non-contributory Courses.

Permit Override

An override that allows a student to register for a class when the restriction has not been met. Permit Overrides must be requested from the student's faculty/department.

Plagiarism

To take the ideas, writings, findings, computer software, etc. of another and present them as one's own. Plagiarism is a very serious offence within the academic community.

PLAR (Prior Learning Assessment and Recognition)

When what a person knows and can do is assessed in relation to a certain goal.

Pre-Professional Program

The period preceding specific study for or practice of a professional program such as Medicine or Dentistry.

Prerequisite

A course that a student must complete before being admitted to another.

Prize

A reward for academic merit. Continued studies after the award is not a condition.

Probation

A period during which students must maintain a specific academic standing. Failure to do so can result in their being required to discontinue studies.

Program

A prescribed set of courses leading to a degree, certificate, or diploma.

Program Grade Point Average (PGPA)

See Grade Point Average

Prospective Student

A person who will potentially attend the University of Regina, but who has not yet applied or been accepted to the University. This could include high school students, home-based learners, international students, or mature students.

Quota Programs (also referred to as competitive entry programs)

Programs with limited enrolment. Not all students who apply will be admitted.

Registration

Enrolling in classes. This is different from Application, which means applying to be admitted to the University.

Registration Operator

An individual who assists students with any trouble during registration. Registration operators enter data from completed university forms into the University of Regina's Student Information System. They may assist students who have difficulty using Self-Service Registration.

Registration Restrictions

A limit placed on courses to permit only a specific group of students to register.

Required Course

A course that must be taken as part of a student's academic program.

Schedule Type

The method by which a course will be taught. Examples: lecture (the most frequent), Directed Reading, Project, Studio, etc.

Scholarship

Financial assistance toward academic studies awarded on academic merit alone, or an academic merit combined with other criteria.

Section Number

Numbers which distinguish different sections of the same course offered on different days and times in a given term (semester).

Semester / Term

The periods of instruction into which the academic year is usually divided. The Fall semester begins in September and ends in December, while the Winter semester begins in January and ends in April. The shorter periods of instruction between May and August are collectively called Spring/Summer session. The student system software uses Term.

SEP (Student Exchange Program)

A special subject code for a course used to indicate that an outbound student is paying tuition and fees at the University of Regina while enrolling in courses at another institution, and that an inbound student is attending the University of Regina as a participant in a formal exchange.

Special Approvals

See Approvals

Student ID Number

A nine-digit identification number that is displayed on a student's Photo ID card and which is used to access services and facilities and for identification purposes.

Supplemental Examination

Repeating a course by rewriting the final examination only. The remainder of the grade is based on the course work completed in the previous attempt. Supplemental examinations may be written only in the Faculty of Engineering, and only in very specific circumstances.

Suspension

Dismissal from the University for a fixed period. Students may apply for readmission for the first semester after expiration of the penalty; no petition is required.

Syllabus

A course outline provided by every professor at the beginning of the semester.

Televised Course

A course taught via the Saskatchewan Communication Network (SCN) and can be broadcast to many locations throughout the province.

Term / Semester

The periods of instruction into which the academic year is usually divided. The Fall semester begins in September and ends in

December, while the Winter semester begins in January and ends in April. The shorter periods of instruction between May and August are collectively called Spring/Summer session. The student system software uses Term.

Term Grade Point Average (TGPA)

See Grade Point Average

Timeticket

The day and time when a student may first be able to register for classes. Students are permitted to add and drop classes from that time hence.

Transcript

An official document of a student's academic record produced by the Registrar's Office.

Transfer (between faculties and/or colleges)

A formal process involving an application to move from one faculty and/or federated college to another.

Transfer (between universities)

To withdraw from one educational institution and enrol at another.

Transfer Credit

Credit given by the University of Regina for academic work done at other institutions.

Tuition

The cost of taking courses at the University usually based on the number of credit hours in which a student is registered.

Undergraduate Grade Point Average (UGPA)

See Grade Point Average

Undergraduate Student

A student who is working towards a Bachelor's degree or another undergraduate faculty credential (i.e. certificate or diploma).

University Transfer Courses

Courses offered by Canadian colleges as part of a formal University Transfer program.

UR Self-Service

A secure section of the University of Regina website for students to check their course schedules, register for classes, pay fees, check grades, buy textbooks, and more.

Variable Credit

There is a range of credit values for which these courses may be granted credit.

Withdrawal

Formal notification by a student to his or her faculty or college of his or her voluntary discontinuance from a course or academic program. Actual credit value is decided in advance between the student and instructor or faculty. Non-attendance does not constitute withdrawal. There are deadlines beyond which a withdrawal will be assigned: 1) a grade of W; or, 2) a failing grade of NP. Both grades appear on the transcript.

Year of Study

Degrees, diplomas, and certificates are defined academically in terms of credit hours, not years of study.

For administrative purposes, the University defines year of study for undergraduate students as follows:

- Year 1: 0-23 credit hours successfully completed
- Year 2: 24-53 credit hours successfully completed
- Year 3: 54-83 credit hours successfully completed
- Year 4: 84-113 credit hours successfully completed
- Year 5: 114-143 credit hours successfully completed
- Beyond 5th year: 144 or more credit hours successfully completed

When certification is required, the University certifies that credit hours successfully completed, including credit hours that may be extra to the current program.

1.7 COURSE DESCRIPTIONS

ACAD	Academic
Student Affairs	

As ACAD 100 is designed to support first-year success, students are encouraged to register in these courses. Some faculties may not accept ACAD 100 for credit towards a degree program. These courses are used in the total number of attempted hours and in the evaluation of your academic record with the University. Please consult your academic advisor.

ACAD 100	3:3-0
Academic Discourse: Writing, Research, and Learning Strategies	
This course provides first-year students with tools for successful communication across the disciplines by emphasizing elements of effective writing and academic research. Topics include rhetorical considerations for effective writing, process-oriented writing and revision, critical reading skills, approaches to group collaboration, research tools, bibliographies, academic integrity, and citation methods.	

ACSC	Actuarial Science
Faculty of Science	Department of Mathematics and Statistics

ACSC 041	1:0-0
Actuarial Science Internship Term 1	
First four month term of Actuarial Science Internship Program.	
** Permission of the Department Head is required to register. **	

ACSC 042	1:0-0
Actuarial Science Internship Term 2	
Second Term of Actuarial Science Internship Program.	
*** Prerequisite: ACSC 041 ***	

ACSC 043	1:0-0
Actuarial Science Internship Term 3	
Third term of Actuarial Science Internship program.	
*** Prerequisite: ACSC 042 ***	

ACSC 044	1:0-0
Actuarial Science Internship Term 4	
Fourth term of Actuarial Science Internship program.	
*** Prerequisite: ACSC 043 ***	

ACSC 116	3:3-0
Mathematics of Finance I	
This course provides a basis of financial mathematics. Topics include measurement of interest, basic and general annuities, yield rates, amortization schedules, and sinking funds.	
*** Prerequisite: MATH 103 or 105 or 110 with a grade of at least 60% ***	

ACSC 216	3:3-0
Mathematics of Finance II	
This course is a continuation of Mathematics of Finance I and covers more advanced topics ranging from the theory of interest to principles of corporate finance. Specific topics include bonds, securities, analysis of risk and basic principles of pricing theory.	
*** Prerequisite: ACSC 116 with a grade of at least 60% ***	

ACSC 217	3:3-0
Introduction to Actuarial Mathematics	
Topics include: economics of insurance, applications of probability to problems of life insurance, life annuities, and life tables.	
*** Prerequisite: ACSC 116, and STAT 251 or 351 with a grade of at least 60% ***	

ACSC 317	3:3-0
Actuarial Models I	
Probabilistic and deterministic contingency mathematics in life insurance and pensions. Topics include: benefit premiums, benefit reserves, multiple life functions, and multiple decrement models.	
*** Prerequisite: ACSC 217 with a grade of at least 60% ***	

ACSC 318	3:3-0
Actuarial Models II	
This course introduces collective risk models over an extended period. Stochastic processes are introduced, followed by definition and	

application of Markov chains. Introductory loss model material is also presented.

*** Prerequisite: ACSC 317 with a grade of at least 60% ***

ACSC 390 3:0-3

Directed Reading in Actuarial Science - an AA-ZZ series.

Prior to registration of the student(s) the instructor must present to the department head a detailed outline of the material to be covered, the method of delivery and the method of evaluation.

ACSC 400 3:0-3

Actuarial Internship

A one year internship program that allows students to gain valuable work experience before completing their undergraduate degree.

** Permission of the Department Head is required to register. **

ACSC 417 3:3-0

Introduction to Casualty Insurance and Credibility

An introduction to property/casualty loss reserving techniques. Topics include: reserves in casualty insurance, ratemaking process, credibility and ruin theory.

*** Prerequisite: ACSC 317 with a grade of at least 60% ***

ACSC 418 3:3-0

Loss Models

Topics covered will include: model based approach to actuarial science, loss distributions, frequency distributions, and aggregate loss models.

*** Prerequisite: ACSC 318 and STAT 351 with a grade of at least 60% ***

ACSC 419 3:3-0

Risk Theory

Topics will include: individual risk models for a short term, collective risk models for a single period, and extended period, application of risk theory.

*** Prerequisite: ACSC 318 and STAT 351 with a grade of at least 60% ***

ACSC 456 3:3-0

Applied Stochastic Processes

An introduction to stochastic processes; Markov chains; Poisson processes; renewal processes; Brownian motion; simulation.

*** Prerequisite: STAT 351 with a grade of at least 60% ***

* Note: Credit can be earned for only one of STAT 456 and ACSC 456. *

ADMN	Administration
Faculty of Administration	

ADMN 001 - 004 0:0-0

Co-operative Administrative Work/Study I

This zero-credit hour course is for students in their first work term. Registration in this course enables students completing work terms to enjoy the same privileges (e.g. use of University facilities) enjoyed by students registered for the semester.

*** Prerequisite: ADMN 260 and ADMN 285 ***

ADMN 007 0:0-2

Administration Computer Lab

This compulsory pass/fail laboratory will familiarize students with microcomputers and the application software available for personal computers. Students will be instructed in the use of word processing, spreadsheets, presentation software, databases, and communication packages. The emphasis of the lab will be on managerial applications of the software so students will be able to utilize the computer for their remaining administration courses.

* Note: Students must take this course during their first semester in the Administration program. *

ADMN 100 3:3-0

Introduction to Administration

This course will introduce students to the functional areas of administration in a variety of organizations.

* Note: Course may be taken only by Administration Qualifying students in their first 30 credits of university studies. Students may not receive credit for both ADMN 100 and BUS 100. *

ADMN 203 3:3-0

Comparative Management

This course deals with the relationship between organizational forms, business and government institutions, economic development, and

values and cultures of societies. The roles and responsibilities of the business manager and public administrator are examined in the context of the impact of changing technologies and institutions on values and cultures. Case studies from Indian business and public administration will be used.

*** Prerequisite: ADMN 260 or BUS 260 ***

*** Corequisite: Pre-administration year ***

ADMN 205 3:3-0

Management Communications

This course is designed to assist students to improve their skill and confidence as effective communicators in an organizational context. Students will explore the issues faced by organizations in communicating internally with employees and externally with diverse publics. The course focuses on both oral and written communications.

* Note: Students may receive credit for only one of ADMN 205, BUS 205, and ADMN 265. *

ADMN 210 3:3-0

Introduction to Marketing

This course covers the fundamentals of marketing theory and practice at the introductory level. Drawing upon contributions from the social sciences, the course introduces the students to the generic nature of marketing activity. In particular, attention is directed toward the study of the price, promotion, place, and product components of the "marketing mix". Attention is also directed toward the social, economic, and legal environment within which the marketing system functions.

*** Prerequisite: ADMN 260 or BUS 260, concurrent enrolment is allowed. ***

* Note: Students may not receive credit for both ADMN 210 and BUS 210. *

ADMN 220 3:3-0

Introduction to First Nations Public Administration

This introductory course is designed to present the managerial implications of a band government administrative structure. Major concepts and findings in the field of management will be compared with band management and its unique demands. Similarities and differences in band management structures will be compared with business and public administration models.

*** Prerequisite: ADMN 260 or BUS 260, and ADMN 285 or BUS 285 ***

ADMN 225 3:3-0

First Nations Economic Development

This course is designed to evaluate the strengths and weaknesses of various approaches to band entrepreneurial development undertaken by government agencies, research and planning groups, band organizations, band councils and individual band entrepreneurs. Problem areas and alternative approaches will be investigated in relation to the physical and social environments, external factors, and the socio-cultural environment.

*** Prerequisite: ADMN 260 or BUS 260 ***

ADMN 228 3:3-0

First Nation Public Administration in Canada

This survey course focuses on First Nation governments. Emphasis is on its concepts, issues, and rapidly emerging and changing systems. Special emphasis is given to the policy, financial and personnel aspects of First Nations public sector administration.

*** Prerequisite: ADMN 260 or BUS 260 ***

ADMN 250 3:3-0

Introduction to Human Resource Management and Industrial Relations

This introductory course addresses basic concepts and processes of the field of human resource management. Topics include human resource planning, job analysis, recruitment, selection, orientation, training and development, performance management, compensation management, workplace health and safety, and employee and labour relations.

*** Prerequisite: ADMN 260 or BUS 260 ***

* Note: Students may not receive credit for both ADMN 250 and BUS 250. *

ADMN 260 3:3-0

Introduction to Organizational Behaviour

This introductory course addresses basic concepts and processes of organizational behaviour. The topics include individual level variables, such as perception, personality, attitudes, and motivation; interpersonal and group processes, such as communication, teams,

leadership, and power; and, organizational level factors such as organizational design, culture, and change.

*** Prerequisite: ENGL 100 (Education students may use EPS 116 in lieu of ENGL 100, Certificate students may use AE 019 in lieu of ENGL 100). Concurrent enrolment is allowed. ***

* Note: Students may not receive credit for both ADMN 260 and BUS 260. *

ADMN 261 3:3-0
Introduction to Hospitality, Tourism, and Gaming Entertainment Management

This course is an introduction to management in the hospitality, tourism and gaming entertainment industries with an emphasis on concepts, issues and best practices in lodging, restaurant, tourism, and gaming entertainment organizations. The course provides a comprehensive overview and uses cases, readings and guest lectures from the industries to help students develop and expand their decision making skills. The course offers both First Nations and non-First Nation perspective.

* Note: Students may not receive credit for both ADMN 261 and ADMN 436AJ. *

ADMN 262 3:3-0
Introduction to the Gaming Industry

This course is a survey introduction to the gambling and commercial gaming industry. Lectures on the economic, legal, and social aspects of gambling and commercial gaming are combined with case studies to provide a solid foundation in gaming for those students who plan to pursue a specialization in Hospitality, Tourism, and Gaming Entertainment Management. This course focuses on contemporary and future issues that face the gambling and commercial gaming industry.

* Note: Students may not receive credit for both ADMN 262 and ADMN 436AA. *

ADMN 270 3:3-3
Introduction to Quantitative Analysis

This course is an introduction to the use of quantitative techniques as an aid to organizational decision making. Emphasis will be on the formulation and solution of resource allocation, inventory, scheduling, decision making, and on the suitability of such methods.

*** Prerequisite: MATH 103 and STAT 100 ***

* Note: Students may not receive credit for both ADMN 270 and BUS 270. *

ADMN 275 3:3-0
Operations Management

An introduction to the management of the operations function in organizations. Topics include: forecasting, planning, scheduling, layout, control over quality, and quantity of output. Problems of production of both goods and services will be considered.

*** Prerequisite: MATH 103 and STAT 100 ***

* Note: Students may not receive credit for both ADMN 275 and BUS 275. *

ADMN 285 3:3-2
Introduction to Financial Accounting

This course presents the fundamentals of financial accounting theory and practice at the introductory level. It considers basic accounting principles, their application in modern business organizations and the preparation of business records and financial reports.

* Note: Students may not receive credit for both ADMN 285 and BUS 285. *

ADMN 288 3:3-0
Introduction to Managerial Accounting

This course introduces the student to the use of accounting systems for managerial information and control purposes. It also provides an introduction to some of the problems inherent in assigning valuations to various cost objects.

*** Prerequisite: ADMN 285 or BUS 285 ***

* Note: Students may not receive credit for both ADMN 288 and BUS 288. *

ADMN 290 3:3-0
Introduction to Finance

An introduction to the fundamental valuation techniques used in finance. Topics include: discounted cash flow analysis, net present value, capital budgeting, risk, asset and security valuation, and corporate capital structure.

*** Prerequisite: STAT 100 and ADMN 285 (285 may be taken concurrently). ***

* Note: Students may only receive credit for one of ADMN 290, BUS 290, and ACSC 216. *

ADMN 302 3:3-0
Small Business Management

This course explores small business as a career alternative. It addresses: the nature of entrepreneurship and the elements of start-up: opportunity identification, feasibility analysis, the integration of marketing and operating strategies, venture finance, and the business plan.

*** Prerequisite: Students of the Faculty of Business Administration and the FNUC School of Business & Public Administration: ADMN 210 (or BUS 210), ADMN 250 (or BUS 250), ADMN 275 (or BUS 275), ADMN 288 (or BUS 288), and ADMN 290 (or BUS 290); Science, Engineering, Indian Communication Arts, and Education students: Completion of a minimum of 60 credit hours or university studies. ***

* Note: Students may only receive credit for one of ADMN 302, BUS 302, and ENGG 436. *

ADMN 307 3:3-0
Business Law

This course provides the student with an introduction to Canadian legal institutions and processes. Topics discussed are: the judicial system, law making, contracts, torts and civil liability, constitutional and administrative law, and criminal law.

*** Prerequisite: 45 credit hours of university studies ***

* Note: Students may not receive credit for both ADMN 307 and BUS 307. *

ADMN 310 3:3-0
Strategic Marketing

The purpose of the course is to introduce the student to the types of decisions that they would be facing in a marketing-related job. Emphasis will be placed on the application of theoretical concepts to real world problems by using case studies. The course will focus on the major decisions facing marketing executives in their attempt to harmonize the objectives and resources of the organization with the opportunities found in the marketplace.

*** Prerequisite: ADMN 210 or BUS 210 ***

* Note: Students may not receive credit for both ADMN 310 and BUS 310. *

ADMN 311 3:3-0
Hospitality, Tourism, and Gaming Entertainment Marketing Management

This course covers strategic marketing concepts applied to hospitality, tourism and gaming entertainment industries. It focuses on strategic marketing management and covers concepts, issues, trends, and best practices related to information technology, marketing in computer-mediated environments and the experience economy.

*** Prerequisite: ADMN 261 ***

* Note: Students may not receive credit for both ADMN 311 and ADMN 436AB. *

ADMN 312 3:3-0
Consumer Behaviour

Survey of noteworthy contributions of the behavioural sciences to the understanding and prediction of consumer behaviour. Contributions of the various research techniques in the social sciences that contribute to the understanding of consumer purchasing and decision-making processes, with particular attention to formal and informal influence patterns. Includes a survey of models of consumer purchasing behaviour, brand loyalty, and product cycles.

*** Prerequisite: ADMN 210 or BUS 210 ***

* Note: Students may only receive credit for one of ADMN 312, BUS 312, or ADMN 412. *

ADMN 320 3:3-0
Planning in First Nations Public Sector Organizations

This course will enable participants to better understand the community planning process and the techniques and methods of analysis utilized in comprehensive community planning. The course also provides a focus on the guidelines for public sector program implementation.

*** Prerequisite: ADMN 220 or permission of the Department Head ***

ADMN 328 3:3-0
Advanced First Nations Public Administration

This is an advanced course in First Nations public administration. Topics include: strategic planning, program development, budgeting, program implementation and evaluation, funds accounting, financial reporting, management control, and financing and financial management for First Nations governments and related organizations.

*** Prerequisite: ADMN 228 ***

ADMN 340 3:3-0

Government Finance

This course examines the basic principles and practices of government finance in Canada. Topics include: the role of government expenditures, basic principles and structure of taxation, and intergovernmental transfers.

*** Prerequisite: ECON 201 and ECON 202 ***

* Note: Students may only receive credit for one of ADMN 340, BUS 340, and ECON 232. *

ADMN 341 3:3-0

Public Sector Management in Canada

An examination of public administration models and concepts from the perspective of the public sector manager. The demands of the public sector organization and environment, including employers, citizens, politicians, unions, and other government departments, will be analyzed through lectures, discussions, and case studies.

*** Prerequisite: ADMN 260 or BUS 260 ***

ADMN 351 3:3-0

Strategic Human Resource Development in Hospitality, Tourism and Gaming Entertainment

This course covers the strategic management of Human Resource Development in the context of hospitality, tourism, and gaming entertainment organizations. Trends, issues, and best practices in training and development are examined in the context of comprehensive Human Resource Development and internal strategies for service industries.

*** Prerequisite: ADMN 261 ***

* Note: Students may not receive credit for both ADMN 351 and ADMN 436AD. *

ADMN 352 3:3-0

Negotiations in a First Nations Setting

Negotiation as a means of conflict resolution is examined in the context of intergovernmental relationships, intra-organizational relationships, and business-client relationships. The course is experiential based and will focus on decision analytic perspectives to negotiation.

*** Prerequisite: ADMN 260 or BUS 260 ***

ADMN 374 3:3-0

Quantitative Methods Applied to Gambling and Commercial Gaming Management

This course covers the history of games of chance with and analysis of odds, probability, house edge and expectation. Emphasis is placed on the use of quantitative methods for management analysis and decisions in a casino environment.

*** Prerequisite: ADMN 261 ***

* Note: Students may not receive credit for both ADMN 374 and ADMN 436AK. *

ADMN 375 3:3-0

Managing Information Systems

An overview of management and organizational issues surrounding the Information Systems/Information Technology (IS/IT) function, in its interaction with business functions within and between organizations. Topics will include the evolution of the IS/IT functions, functional area systems, current trends, strategy, managing and acquiring IS resources, and ethical issues surrounding IS/IT.

*** Prerequisite: ADMN 210 (or BUS 210), ADMN 250 (or BUS 250), ADMN 275 (or BUS 275), ADMN 288 (or BUS 288), and ADMN 290 (or BUS 290) ***

* Note: Students may only receive credit for one of ADMN 375, ADMN 435AI, and BUS 375. *

ADMN 396 3:3-0

Financial Management and Management Accounting in Hospitality, Tourism, and Gaming

This subject covers revenue sharing agreements, budgeting, revenue/cash flow, internal/external auditing, controls, security, and ancillary services. The focus is on the structure and the processes of financial management and accounting functions and their impact on the productivity, organizational efficiency and effectiveness in hospitality, tourism and gaming entertainment organizations.

*** Prerequisite: ADMN 261 ***

* Note: Students may not receive credit for both ADMN 396 and ADMN 436AC. *

ADMN 400 3:3-0

Business Strategy

This course focuses on the formulation and implementation of policy and strategy. It centers on the role and responsibilities of the general manager in formulating the goals and objectives of an organization; on integrating policies, plans, and programs; and, on using structures and systems of personal influence so that the organization can operate with a sense of direction and purpose.

*** Prerequisite: All required Administration courses including ADMN 007 and a minimum of 90 credit hours. ***

* Note: Students may not receive credit for both ADMN 400 and BUS 400.

ADMN 405 3:3-0

Business, Government, and Society

This course provides the student with an understanding of the institutional framework of the Canadian economy and society.

*** Prerequisite: All required Administration courses including ADMN 007 and a minimum of 90 credit hours. ***

* Note: Students may not receive credit for both ADMN 405 and BUS 405. *

ADMN 406 3:3-0

Strategic Management in Hospitality, Tourism and Gaming Entertainment Management

This course covers strategic management in hospitality, tourism, and gaming entertainment industries. It focuses on strategic management theory, best practices, trends, and issues in service industries. Policy formulation and implementation, information technology management, and the experience economy are emphasized.

*** Prerequisite: 12 credit hours of courses from the Hospitality, Gaming, Tourism, and Entertainment Management Program ***

* Note: Students may not receive credit for both ADMN 406 and ADMN 436AF. *

ADMN 414 3:3-0

The Management of Promotion

This course combines concepts in advertising, personal selling, and other marketing communications tools to provide an overall promotional mix. It focuses on the theory and rationale behind various structures, and keeps the purely descriptive content to a reasonable minimum. Problems are viewed through the eyes of the promotions manager rather than from the technician's perspective.

*** Prerequisite: ADMN 210 (or BUS 210) ***

* Note: Students may not receive credit for both ADMN 414 and BUS 414. *

ADMN 415 3:3-0

International Marketing

This course will concentrate on the problems associated with conducting business in a foreign market. How should a company, large or small, approach an export market? How significant are the cultural differences and how will these differences affect the selection of a marketing strategy? How should this strategy be selected and what retaliation can be expected from the domestic competition?

*** Prerequisite: ADMN 310 or BUS 310 ***

* Note: Students may not receive credit for both ADMN 415 and BUS 415. *

ADMN 432 3:0-3

Directed Readings - an AA-ZZ series.

This course consists of directed readings in selected topics in administration.

ADMN 435 - 439 1-3:3-0

Selected Topics in Administration - an AA-ZZ series.

Courses designed as required for individuals or groups of undergraduates.

ADMN 441 3:3-0

Public Policies for Northern Development

This course examines many of the problems encountered in the development of northern areas. Special emphasis is placed on the difficulties inherent in the pursuit of economic advancement within a framework of cultural, environmental, and distribution constraints.

*** Prerequisite: ADMN 340 or BUS 340 ***

AE	Adult Education
Centre for Continuing Education	

AE 019 1.5:2.5-0

Essentials of Writing and Research

This course reviews basic essay structure, planning, drafting, revising, and stresses the importance of effective thesis statements. Other topics will include: paragraph unity and coherence, effective sentences, proper usage and diction, and the preparation of research papers. An orientation of the Dr. John Archer Library is also featured.

AE 020 1.5:2.5-0

Organizational Communications

This course is designed to provide a strong conceptual and practical knowledge of effective written, oral, interpersonal and electronic communication in the workplace. Not only will students improve their skill and confidence in communicating on-the-job, they will develop an appreciation for the important link between communication and organizational effectiveness.

AMTH	Adult Mathematics
Student Affairs	

AMTH 001 3:3-2
Mathematics I

An introduction to algebra, this course is the first of two courses that meet the algebra requirement of courses at the University of Regina.

AMTH 002 3:3-2
Mathematics II

A continuation of Mathematics I, this course meets the algebra requirement of courses at the University of Regina.

*** Prerequisite: AMTH 001 ***

AMTH 003 3:3-2
Mathematics III

This course meets the geometry and trigonometry requirement of courses at the University of Regina.

*** Prerequisite: Algebra 30, Math B30 or AMTH 002 (Concurrent enrolment is allowed). ***

ANTH	Anthropology
Faculty of Arts	Department of Anthropology

Normally, ANTH 100 is regarded as a prerequisite to 200-level anthropology courses unless otherwise indicated. However, any student who, at the beginning of the second year, has declared a major in a field other than anthropology may seek approval from the head of the Anthropology Department to take any 200-level anthropology course without having taken ANTH 100. Students who obtain such approval will be responsible for any materials covered in ANTH 100 that are relevant to the course in question.

ANTH 100 3:3-1

Introduction to Anthropology

An introduction to the anthropological concept of culture, its uses in the explanation of human behaviour, and its impact on our understanding of human nature, language, and society. The course will explore cultural diversity through the comparative perspective that makes anthropology unique within the humanities and social sciences. It will also show how anthropologists analyse the connections between politics, economics, gender, kinship, and religion within particular cultures.

ANTH 202 3:3-0

Anthropology of Language

An introduction to the anthropological study of language. Synchronic and diachronic perspective in linguistic analysis. The relationships of language to mind, culture, and society.

*** Prerequisite: ANTH 100 or a linguistics course ***

ANTH 203 3:3-0

Social Organization

An analysis of the political, economic, and ideological aspects of social organization, with particular emphasis on kinship, gender, and social stratification in non-industrialized societies.

*** Prerequisite: Any 100-level course in the social sciences. ***

ANTH 230 3:3-0

Ethnography of Southeast Asia

This course surveys the rich cultural diversity of Southeast Asia, ranging from the head-hunting and opium-growing tribal hill peoples to Hindu/Buddhist and Islamic civilizations. The course will provide some historical background to the area, and cover such topics as social and political organization, gender, religion, and aesthetics.

*** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, INDG 101, PSCI 100 or SOC 100. ***

ANTH 231 3:3-0

Andean Ethnography

This course covers the ethnography of the Andes. Particular attention will be given to indigenous communities and their relations to urban centres and nation-states. Topics will include political economy, state formation, social movements, class, ethnicity and racism, rural-urban migration, community organization, kinship, gender, ritual, dance and music.

*** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, INDG 101, PSCI 100, or SOC 100. ***

ANTH 233 3:3-0

Ethnography of the Himalayas

This course surveys the Himalayas as a culture area, investigates the economic, social, and religious strategies of various Himalayan peoples, and traces the influences of Tibetan culture and Buddhism in the region. The course will provide historical and geographical overviews of the area.

*** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, PSCI 100, or SOC 100. ***

ANTH 236 3:3-0

Ethnography of Mesoamerica

This course examines the ethnography of Central America. It focuses upon a variety of rural and urban communities throughout the area with a particular emphasis on indigenous groups. Topics include nationalism, ethnicity, state formation, social organization, cosmology, and material culture.

*** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, INDG 101, PSCI 100, or SOC 100. ***

ANTH 237 3:3-0

Ethnography of Europe

Comparative analysis of processes and directions of social and cultural change in a selected area of Europe, particularly since World War II.

*** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, INDG 101, PSCI 100 or SOC 100. ***

ANTH 238 3:3-0

Ethnography of India

This course is an ethnographic survey of rural and urban India. It will explore connections between hierarchical social organizations (such as caste) and "popular Hinduism". The processes of urbanization and industrialization, and the establishment of India as a nation state, will be related to the emergence of new social identities and organizations such as class. Other topics to be covered include jajmani exchange relationships, festivals, pilgrimage, sects and cults, ascetics, household and kinship systems.

*** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, INDG 101, PSCI 100 or SOC 100. ***

ANTH 239 3:3-3

Ethnography of Amazonia

This course explores ethnographic and theoretical issues in the social anthropological study of indigenous Amazonian peoples. Privileged topics include the exploration of native understanding of sociality, cosmology, selfhood, morality and emotions. The course also addresses issues in regional history, social organization, and political and economic anthropology.

*** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, INDG 101, PSCI 100 or SOC 100. ***

ANTH 240 3:3-0

Popular Culture

This course will survey the popular culture of "modern" societies, particularly as expressed through mass media, music, speech, dress, consumption and recreation. It will explore how popular culture overlaps with and diverges from elite and scientific discourses, and how it helps articulate such pervasive modern world views as individualism and nationalism.

*** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, INDG 101, PSCI 100 or SOC 100. ***

ANTH 241 Culture Area Studies - an AA-ZZ series. Ethnology of the peoples of a selected culture area. Area to be announced. *** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST course, INDG 101, PSCI 100 or SOC 100. ***	3:3-0	*** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***
ANTH 247 Ethnography of Polynesia This course surveys the cultures and societies of the islands of Polynesia. It investigates the region in historical perspective, including its place in the popular imagination of the West. Topics covered include social organization, cosmology, gender, art, tourism, globalization, and ethnicity. *** One course from ANTH 100, GEOG 100, any 100-level HIST course, PSCI 100, and SOC 100 ***	3:0-3	
ANTH 248 Ethnography of Papua New Guinea This course explores the diverse cultures of Papua New Guinea and other parts of Melanesia. It will investigate such topics as social organization, gender roles, and exchange, and reveal anthropological insights into the practice of cannibalism, love magic, and sorcery. *** One course from ANTH 100, GEOG 100, any 100-level HIST course, PSCI 100, and SOC 100 ***	3:3-3	
ANTH 261 Andean Ethnohistory This course focuses on the history of indigenous Andean peoples from the rise of the Inca Empire to the end of Spanish colonialism. It will examine the transformation of Andean culture and society under Inca and then under Spanish rule, and the role of boundaries between the hispanic and indigenous. *** Prerequisite: One course from ANTH 100, GEOG 100, any 100 Level HIST course, INDG 101, PSCI 100, or SOC 100. ***	3:3-3	
ANTH 266 Mesoamerican Ethnohistory This course examines indigenous societies and Spanish colonialism in the Mesoamerican area. It includes the study of various pre-Columbian political regimes, social organizations, and cosmologies (e.g., Aztec, Maya and Mixtec). Their conquest(s) and incorporation into the Spanish empire and colonial regime is explored through a variety of local studies. *** Prerequisite: One course from ANTH 100, GEOG 100, any 100-level HIST 100, INDG 101, PSCI 100, or SOC 100. ***	3:3-3	
ANTH 301 Economic Anthropology The study of human livelihood from various theoretical perspectives including substantivism, formalism, Marxism, and symbolic anthropology: cross-cultural approaches to production, circulation, and property; folk economic models and their relation to western economic theories. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	
ANTH 302 Political Anthropology Political power and process in cross-cultural perspective, including societies without specialized political institutions: analysis of the social organization of factionalism, dispute and violence, class and ethnic conflict, state formation, the colonial experience and political problems of emerging nations, legitimation, hegemony and ideology. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	
ANTH 304 Anthropology of Gender How different cultures make distinctions between female, male and other gender categories; cross-cultural variation in gender definitions and roles; how gender shapes and is shaped by other aspects of culture and society. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	
ANTH 305 Anthropology of Religion Religion will be examined in its functional relations to other aspects of culture, especially in relation to the contrast between "primitive society" and "civilization". Anthropological approaches to the study of magic, witchcraft, myth, ritual, ethics, religious movements and cults will be reviewed.	3:3-0	
ANTH 306 Anthropology of Art A cross-cultural and inter-cultural exploration of aesthetics. This course compares the role of art in our own society to aesthetic expressions in other societies. It will also explore connections between anthropology and modern art movements. Various aesthetic forms may be addressed, including visual and performing arts as well as architecture. *** Prerequisite: Any 200-level course in the social sciences or art history. ***	3:3-0	
ANTH 307 Anthropology of Ritual How we distinguish ritual from other kinds of activity, the role of religious and secular rituals in social action, and the challenges they present to notions of articulate belief and rationality. The course will discuss the variety of rituals within and across cultures, and cover theories that explain them, including intellectualist, functionalist, and performative approaches. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	
ANTH 308 Symbolic Anthropology Introduction to theories of symbolism and methods of interpretation in anthropology, including debates over rationality, language and culture, structuralism, metaphor theory, and pragmatism. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	
ANTH 309 The Anthropology of Personhood An exploration of diverse cultural understandings of personhood. This course will locate Western ideologies of individualism and agency within a broader range of notions about the self provided by comparative ethnography. It will discuss "culture and personality" and life history approaches to personhood from the perspective of more recent developments in anthropology. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	
ANTH 310 Race, Ethnicity, and Nation How anthropologists analyze notions of race, ethnicity, and nation as constructions of social difference and identity in the modern world. This course will critically explore the social processes that both naturalize and politicize issues of culture and group membership in modern nation states. It will also discuss how social scientific theories have been involved in these developments. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	
ANTH 312 Anthropology of Colonialism and Post-Colonialism Cultural practices, servile labour systems, forms of rule, and indigenous responses to colonialisms and their influences in post-colonial settings. Ethnographic and historical accounts of colonialism and their relation to the academic perspective called "post-colonialism." Special emphasis is placed on understanding how colonial categories, practices, and identities have been formulated, resisted, and reconfigured in the lives of the (formerly) colonized and colonizing. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	
ANTH 313 Material Culture and Consumption A study of the investment of social values in the material world, including the cultural politics of "styles" in architecture, interior decoration, dress, etc. Consumption is approached ethnographically, in relation to modern personhood, kinship, and household formation. Practices such as collecting are studied in terms of the cultural politics of value in various societies. Emphasis is placed on modernity, with reference to ethnographic records of material culture in pre-industrial societies. *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***	3:3-0	

ANTH 320 1-3:3-0
Selected Topics in Anthropology - an AA-ZZ series.
 Courses designed as required for groups of senior undergraduates.
 *** Prerequisite: Any 200-level course in the social sciences or permission of Department Head. ***

ANTH 333 3:3-0
Ethnographic Research
 This course will explore how socio-cultural anthropologists do ethnographic fieldwork, and the methodological, epistemological, and ethical issues they encounter in such research. Topics covered may range from the technical aspects of participant observation, ethnographic interviewing, and the writing of field notes, to the broader issues of how a researcher's point of view and relation to the community under study influence the creation of ethnographic knowledge.
 *** Prerequisite: One of ANTH 202, 203, 230-245, SOST 203, or permission of Department Head. ***

ANTH 340 3:3-0
Anthropology and Contemporary Human Problems
 The contribution of anthropological methods and principles to search for practical and ethical solutions to contemporary social and administrative problems involving intercultural communication and social change.
 *** Prerequisite: Any 200-level course in the social sciences or permission of Department Head. ***
 * Note: ANTH 340 is not regularly offered. *

ANTH 343 3:3-0
Medical Anthropology
 The comparative study of medical systems and how they interact with their social and cultural context, including such issues as the healer-patient relationship, the socio-cultural construction of health and illness, and medical pluralism.
 *** Prerequisite: ANTH 100 and any 200-level course in the social sciences. ***

ANTH 390 1-3:3-0
Directed Reading and Research - an AA-ZZ series.
 Courses designed for individual students.

ANTH 401 3:3-3
Theory in Anthropology I
 An examination of the major ideas and prominent figures in the development of anthropological thought. Although other eras will be covered, emphasis will be placed on the period from 1850 to 1950.
 *** Prerequisite: ANTH 202 and 203 ***

ANTH 402 3:3-3
Theory in Anthropology II
 An overview of the principal schools of thought that have shaped the work of anthropologists since 1950.
 *** Prerequisite: ANTH 401 ***

ANTH 410 3:3-0
Anthropology Seminar - an AA-ZZ series.
 A seminar devoted to the study of special topics in anthropology. Topics to be announced.
 *** Prerequisite: A 300-level course in anthropology. ***

ANTH 490 1-3:3-0
Directed Reading and Research - an AA-ZZ series.
 Courses designed for individual students.

ANTH 496 1-3:3-0
Special Topics in Anthropology - an AA-ZZ series.
 Courses designed as required for groups of students.

ANTH 498 3:3-0
Honours Thesis
 An original exposition of a topic approved by the department.
 ** Permission of the Department Head required to register. **

ANTH 499 3:3-0
Honours Thesis
 An original exposition of a topic approved by the department.
 ** Permission of the Department Head required to register. **

ARBC	Arabic
Faculty of Arts	Department of International Languages

ARBC 100 3:3-3
Introductory Standard Arabic I
 Introduction to the basic syntax and vocabulary of standard oral and written Arabic. Practice in pronunciation, conversation, reading and writing.
 *** Prerequisite: No previous background in Arabic. Refer to the Department of International Languages section (How to choose a language) in the Undergraduate Calendar for details. ***

ARBC 101 3:3-3
Introduction to Standard Arabic II
 Continuation of Standard Arabic I
 *** Prerequisite: ARBC 100 ***

ART	Art
Faculty of Fine Arts	Department of Visual Arts

ART 100 3:3-0
Introduction to Art
 Art practices and traditions of the present and the past, criticism and aesthetics from the viewpoint of the artist. Discussions by artists and gallery visits will be included.

The following courses are restricted to Visual Arts, Indian Art and Arts Education majors or permission of the Department Head.

ART 220 3:0-4
Two-Dimensional Form
 The elements and principles of two-dimensional form, focusing on the development of visual perception and familiarity with basic art vocabulary. One-half of the semester will involve colour theory.

ART 221 3:0-4
Three-Dimensional Form
 An introductory course addressing the elements of art, nomenclature, and principles of three dimensional concepts.

ART 222 3:0-4
Introduction to Photography
 An introductory studio course introducing the techniques and theories of black and white photography. Students will learn to use a 35mm camera and to develop and print black and white photographs. Photographic history, critical and formal analysis and presentation of work will be addressed.

ART 230 3:0-4
Introduction to Drawing
 Basic drawing skills through a broad range of drawing media, utilizing live models as well as studio still lifes.
 *** Prerequisite: ART 220 or INA 220 and ART 100 (ART 100 may be taken concurrently) or permission of Department Head. ***

ART 231 3:0-4
Introduction to Drawing II
 A second level studio course in drawing building on the skills and theory learned in Art 230. Formal and critical analysis will be addressed in individual and group critiques.
 *** Prerequisite: ART 230 and ART 100 (ART 100 may be taken concurrently) or permission of Department Head. ***

ART 240 3:0-4
Introduction to Painting
 Development of basic painting skills and techniques. Class assignments, individual, and group critiques will explore traditional and contemporary painting concerns.
 *** Prerequisite: ART 230 and ART 100 (ART 100 may be taken concurrently) or permission of Department Head. ***

ART 250 3:0-4
Introduction to Sculpture
 The development of a personal and expressive use of form. Studio exercises will include work in the following media: clay, wax, plaster, wood, metal, and stone.
 *** Prerequisite: ART 221 or INA 230 and ART 100 (ART 100 may be taken concurrently) or permission of Department Head. ***

ART 260 Introduction to Ceramics A course dealing with the basic properties of clays and their uses. Studio practice will include throwing, glazing, kiln loading and firing. Lectures on history of ceramics. *** Prerequisite: ART 221 or INA 230 and ART 100 (ART 100 may be taken concurrently) or permission of Department Head. ***	3:0-4	ART 396 - 399 Selected Topics - an AA-ZZ series. Course designed as required for groups of senior undergraduates.	1-6:0-6
ART 270 Introduction to Print Media A studio course that aims to foster a broad understanding of artistic printed media through exposure to a variety of studio techniques and assignments, complemented by demonstrations and discussions of printmaking's historical and social importance. Intaglio, plate Lithography and hybrid Digital processes will be introduced. *** Prerequisite: ART 230 and ART 100 (ART 100 may be taken concurrently) or permission of Department Head. ***	3:0-4	ART 400 Professional Issues I Hands on skill development and practical information about art as a profession. ** Permission of the Department Head is required to register. ** * Note: Graduating year of BFA. *	1.5:0-2
ART 280 Introduction to Intermedia An introduction to the theoretical framework and practical application of Intermedia practice, involving several of the following: time-based electronic and digital media, performance art, artist's books and installation. *** Prerequisite: Any two 200 level courses in a single major area in Fine Arts or permission of Department Head. ***	3:0-4	ART 401 Professional Issues II For graduating Bachelor of Fine Arts students in their final semester. Continued discussion of professional issues, practices, and preparation of graduating exhibition and artist statement. *** Prerequisite: ART 400 ***	1.5:0-2
ART 330 Intermediate Drawing A third level drawing course with further exploration into media and techniques. Individual expression and critical discourse will be developed through group and individual critiques. *** Prerequisite: ART 230 and ARTH 100 (ARTH 100 may be taken concurrently) or permission of Department Head. ***	6:0-6	ART 410 Advanced Open Studio I An open studio course for senior students taking studio courses at the Advanced II or higher level. *** Corequisite: At least one Art 4XX II, III, or IV course or permission of Department Head. ***	3:0-3
ART 340 Intermediate Painting A second-level painting course. Class assignments will emphasize stylistic and conceptual concerns combined with self-critical ability through regular individual and group critiques. *** Prerequisite: ART 230, ART 240 and ARTH 100 (ARTH 100 may be taken concurrently) or permission of Department Head. ***	6:0-6	ART 411 Advanced Open Studio II An open studio course for senior students taking studio courses at the Advanced II or higher level. *** Corequisite: At least one Art 4XX II, III, or IV course or permission of Department Head. ***	3:0-3
ART 350 Intermediate Sculpture The development of personal interest and capability. Group discussion and criticism combined with studio exercises. Ideas related to assemblage and mixed media will be introduced. *** Prerequisite: ART 250 and ARTH 100 (ARTH 100 may be taken concurrently) or permission of Department Head. ***	6:0-6	ART 412 Advanced Open Studio III An open studio course for senior students taking studio courses at the Advanced II or higher level. *** Co-requisite: At least one Art 4XX II, III, or IV course or permission of Department Head. ***	3:0-3
ART 360 Intermediate Ceramics The development of personal interest and capability. Group discussion and criticism combined with studio exercises. Ideas related to assemblage and mixed media will be introduced. *** Prerequisite: ART 260 and ARTH 100 (ARTH 100 may be taken concurrently) or permission of Department Head. ***	6:0-6	ART 413 Advanced Open Studio IV An open studio course for senior students taking studio courses at the Advanced II or higher level. *** Co-requisite: At least one Art 4XX II, III, or IV course or permission of Department Head. ***	3:0-3
ART 370 Intermediate Print Media A studio course that aims to further refine skills, as well as broaden a comprehensive understanding of artistic printed media introduced in ART 270. *** Prerequisite: ART 270 and ARTH 100 (ARTH 100 may be taken concurrently) or permission of Department Head. ***	6:0-6	ART 414 Advanced Open Studio V An open studio course for senior students taking studio courses at the Advanced II or higher level. *** Co-requisite: At least one Art 4XX II, III, or IV course or permission of Department Head. ***	3:0-3
ART 380 Intermediate Intermedia This course will develop Intermedia concepts and skills focusing on the planning and organization of increasingly elaborate projects. Collaborative and visualization techniques such as storyboarding and model building. Individual and group assignments/projects. *** Prerequisite: ART 280 and ARTH 100 (ARTH 100 may be taken concurrently) or permission of Department Head. ***	6:0-6	ART 415 Advanced Open Studio VI An open studio course for senior students taking studio courses at the Advanced II or higher level. *** Co-requisite: At least one Art 4XX II, III, or IV course or permission of Department Head. ***	3:0-3
ART 390 - 395 Directed Study - an AA-ZZ series. Electives can be taken in third and fourth year concurrently. Individual research in specific disciplines under the direction of an instructor chosen by the student.	1-6:0-6	ART 430 Advanced Drawing I A third-level drawing course focusing on conceptual and technical issues pertinent to contemporary practice. Individual projects. Critical discussion will take place regularly. *** Prerequisite: ART 330 ***	6:0-6
		ART 431 Advanced Drawing II This fourth-level drawing course will concentrate on the development of individual expression and self-critical ability in self-initiated projects as well as regular critical discussion. *** Prerequisite: ART 430 ***	3:0-3
		ART 432 Advanced Drawing III Advanced studio exploration in drawing, allowing greater attention to individual student needs. *** Prerequisite: ART 431 ***	3:0-3

ART 433 **Advanced Drawing IV** **3:0-3**
Advanced studio exploration in drawing, allowing greater attention to individual student needs.
*** Prerequisite: ART 432 ***

ART 434 **Advanced Drawing V** **3:0-3**
Advanced studio exploration in drawing, allowing greater attention to individual student needs.
*** Prerequisite: ART 433 ***

ART 440 **Advanced Painting I** **6:0-6**
Third-level painting course with assignments and individual projects focusing on individual expression and techniques. Contemporary concerns through critical discussion.
*** Prerequisite: ART 340 ***

ART 441 **Advanced Painting II** **3:0-3**
Fourth-level painting course will concentrate on the development of individual expression and self-critical ability in self-initiated projects and regular critical discussion.
*** Prerequisite: ART 440 ***

ART 442 **Advanced Painting III** **3:0-3**
Advanced studio explorations in painting, allowing greater attention to individual student needs.
*** Prerequisite: ART 441 ***

ART 443 **Advanced Painting IV** **3:0-3**
Advanced studio explorations in painting, allowing greater attention to individual student needs.
*** Prerequisite: ART 442 ***

ART 444 **Advanced Painting V** **3:0-3**
Advanced studio explorations in painting, allowing greater attention to individual student needs.
*** Prerequisite: ART 443 ***

ART 450 **Advanced Sculpture I** **6:0-6**
Studio projects will be assigned individually in consultation with the instructor. Individual and group discussion and criticism will be encouraged.
*** Prerequisite: ART 350 ***

ART 451 **Advanced Sculpture II** **3:0-3**
Advanced studio explorations in sculpture, allowing greater attention to individual student needs.
*** Prerequisite: ART 450 ***

ART 452 **Advanced Sculpture III** **3:0-3**
Advanced studio explorations in sculpture, allowing greater attention to individual student needs.
*** Prerequisite: ART 451 ***

ART 453 **Advanced Sculpture IV** **3:0-3**
Advanced studio explorations in sculpture, allowing greater attention to individual student needs.
*** Prerequisite: ART 452 ***

ART 454 **Advanced Sculpture V** **3:0-3**
Advanced studio explorations in sculpture, allowing greater attention to individual student needs.
*** Prerequisite: ART 453 ***

ART 460 **Advanced Ceramics I** **6:0-6**
Advanced ceramic techniques and aesthetics relating to the medium of clay. Kiln construction, methods of firing and an evaluation of different fuels will also be undertaken.
*** Prerequisite: ART 360 ***

ART 461 **Advanced Ceramics II** **3:0-3**
Advanced studio explorations in ceramics, allowing greater attention to individual student needs.
*** Prerequisite: ART 460 ***

ART 462 **Advanced Ceramics III** **3:0-3**
Advanced studio explorations in ceramics, allowing greater attention to individual student needs.
*** Prerequisite: ART 461 ***

ART 463 **Advanced Ceramics IV** **3:0-3**
Advanced studio explorations in ceramics, allowing greater attention to individual student needs.
*** Prerequisite: ART 462 ***

ART 464 **Advanced Ceramics V** **3:0-3**
Advanced studio explorations in ceramics, allowing greater attention to individual student needs.
*** Prerequisite: ART 463 ***

ART 470 **Advanced Print Media I** **6:0-6**
A studio course that aims to hone technical and critical skills introduced and developed in ART 370. Individualized programs of work will be developed, allowing greater attention to artistic practice and motivation to better meet the needs of the student artist.
*** Prerequisite: ART 370 ***

ART 471 **Advanced Print Media II** **3:0-3**
A studio course allowing for individualized programs of work to be developed. The focus for this course will be the creation of a cohesive body of work in Print Media, relevant to the critical and technical motivations of the artist.
*** Prerequisite: ART 470 ***

ART 472 **Advanced Print Media III** **3:0-3**
A studio course allowing for individualized programs of work to be developed. The focus for this course will be the creation of a cohesive body of work in Print Media, relevant to the critical and technical motivations of the artist.
*** Prerequisite: ART 471 ***

ART 473 **Advanced Print Media IV** **3:0-3**
A studio course allowing for individualized programs of work to be developed. The focus for this course will be the creation of a cohesive body of work in Print Media, relevant to the critical and technical motivations of the artist.
*** Prerequisite: ART 472 ***

ART 474 **Advanced Print Media V** **3:0-3**
A studio course allowing for individualized programs of work to be developed. The focus for this course will be the creation of a cohesive body of work in Print Media, relevant to the critical and technical motivations of the artist.
*** Prerequisite: ART 473 ***

ART 480 **Advanced Intermedia I** **6:0-6**
Advanced Intermedia projects concentrating on individual conceptual skills and self critical evaluation. Discussion of contemporary art practices culminating in individual projects (instructors may authorize collaborative projects).
*** Prerequisite: ART 380 and ARTH 204 ***

ART 481 **Advanced Intermedia II** **3:0-3**
Concentrated studio explorations in intermedia with emphasis on student-initiated projects.
*** Prerequisite: ART 480 ***

ART 482 **Advanced Intermedia III** **3:0-3**
Concentrated studio exploration on intermedia with emphasis on student-inspired projects.
*** Prerequisite: ART 481 ***

ART 483 **Advanced Intermedia IV** **3:0-3**
 Concentrated studio exploration on intermedia with emphasis on student-inspired projects.
 *** Prerequisite: ART 482 ***

ART 484 **Advanced Intermedia V** **3:0-3**
 Concentrated studio exploration in Intermedia with emphasis on student-initiated projects.
 *** Prerequisite: ART 483 ***

ART 490 - 495 **1-6:0-6**
Directed Study - an AA-ZZ series.
 Electives can be taken in third and fourth year concurrently. Individual research in specific disciplines under the direction of an instructor chosen by the student.

ART 496 - 499 **1-6:0-6**
Selected Topics - an AA-ZZ series.
 Course designed as required for groups of senior undergraduates.

ARTH	Art History
Faculty of Fine Arts	Department of Visual Arts

ARTH 100 **3:3-0**
Introduction to Art History
 A survey of visual culture from prehistoric times to the present.

ARTH 201 **3:3-0**
Prehistoric and Ancient Art
 A survey of selected works of art and architecture from the prehistoric to the end of the Roman period. Various forms of visual communication will be discussed in relation to their social context and in relation to the theoretical and contemporary issues (the "western" tradition of art, race, gender, class, body imagery, visual propaganda, etc.).

ARTH 202 **3:3-0**
Medieval Art History
 Medieval art from the early Christian era to the end of the high Gothic style in Europe.

ARTH 204 **3:3-0**
Modern Art and the Avant-Garde
 A survey of Modern art from the neo-classical period to the 1960s. Art practices will be discussed in the context of Modernity and of the succession of Avant-garde movements in the nineteenth and twentieth centuries.

ARTH 210 **3:3-0**
Cultures of Display
 This course introduces themes related to cultures of display which include marginality, representation and broader historical forms in an art historical context. Concepts related to curation will be advanced.

ARTH 212 **3:3-3**
Art and Identity in the Renaissance
 A survey of the visual culture of Italy and Northern Europe from around 1300 to 1600. Lectures, readings and discussions will focus on the uses of visual representations in the formation of individual and group identities.

ARTH 213 **3:3-3**
Seventeenth Century Art and Architecture
 This course examines the art and architecture of the Baroque in Britain and Europe, concluding with early eighteenth-century rococo art. The course examines the structure of patron elites, court space, formulations of gender, academic classicism, and the impact of the state on everyday life.

ARTH 214 **3:3-0**
18th Century Art & Architecture
 This course examines the visual culture of the English-speaking world, Germany and France during the Ancien regime and Revolution. It examines the influence on art and art institutions of ideas of commerce and consumerist excess, ideal public sphere, observation and control, and the civic hero.

ARTH 222 **3:3-0**
Critical Histories of Photography
 This course examines the history of photography as an art practice since its inception in the 1820s. The course will examine the ways in which the social and technological aspects of photography have shaped and been shaped by new modes of artistic vision and expression.

ARTH 270 **3:3-0**
Traditional Arts of Asia
 This course is a survey of the thought in relation to the traditional arts of Asia (India, China and Japan), encompassing arts of Buddhism, calligraphy, ink painting, sculpture, Zen gardens, etc.

ARTH 280 **3:3-3**
History of Ceramics
 Cross-cultural perspectives on ceramics, examining ceramic traditions in various cultures, mainly the West and Asia.

ARTH 290 **3:3-0**
Selected Topics in Art History - an AA-ZZ series.
 Varying topics in art history for undergraduates.

ARTH 301 **3:3-0**
Art Theory and Art Criticism
 History and practice of critical thought, from the classical notion of beauty to contemporary concerns related to the body, power, race, gender, etc. Students will be introduced to conceptual tools and vocabulary of Marxism, semiotics, psychoanalysis and deconstruction.
 *** Prerequisite: 30 credit hours of completed course work or permission of Department Head. ***

ARTH 302 **3:3-0**
Collecting in Context
 This course examines ways in which museums display art, how institutions think, and to what extent collections have impacted on national and local identity. Topics and case studies will allow for considerations of concepts including: public and private ownership, the state and the individual, antiquarianism, custodianship and provenance.
 *** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 313 **3:3-0**
Visual Culture of the 16th and 17th Centuries
 This course will explore selected topics in the art and culture of the 16th and 17th centuries (wonder and curiosity, print and popular culture, portraiture and identity, the body and the city, etc.).
 *** Prerequisite: ARTH 212 or 213 or permission of Department Head ***

ARTH 314 **3:3-0**
Art in the Postmodern Era
 An exploration of art practices from the 1960s to the present with a specific focus on new media. Students will familiarize themselves with theoretical issues and critical terms associated with contemporary art.
 *** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 320 **3:3-3**
Visual Culture of Women
 This course examines the visual culture of women in relation to crafts, the major arts of painting and sculpture, performance art and new media. Especially important to this study is the changes in women's visual culture since the rise of the feminist movements in the world.
 *** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 324 **3:3-0**
Canadian Art and Cultural Identity
 Art in Canada from the colonial period to the present. Students will be introduced to issues of culture, ethnicity and gender, in relation to the Canadian context.
 *** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 340 **3:3-0**
Contemporary Indigenous Art and Colonialism
 This course examines the negotiations between settler and Indigenous cultures, with a focus on Canadian and world indigenous arts. This course examines intertextual aspects of contemporary Indigenous arts issues and themes related to colonialism and

decolonization as reflected in contemporary Indigenous art movements.

*** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 350 1-6:6-0

Special Seminar

The study of various fields of the history of art involving visits to major art museums and required individual research by participating students. Conducted by members of the faculty.

*** Prerequisite: Any 200-level art history course or permission of Department Head ***

ARTH 361 3:3-0

Gender, Race and the Histories of Art

Seminar on the impact of feminist and post-colonial critiques on the discipline of art history. Readings, discussions, and papers will focus on topics such as body imagery, the gaze, sexuality, primitivism, orientalism, the canon and culture wars, the studying of non-Western cultures, etc..

*** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 370 3:3-0

Modernity and the Arts of East Asia

This course surveys the impact of modernity on the visual culture (painting, comics, films, and animation) of East Asia and its diaspora, touching on issues such as ethnic identity, regionalism, nation, Orientalism and postmodernism.

*** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 371 3:3-0

Japanese Art

A survey of Japanese art from prehistoric times to the present.

*** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 372 3:3-0

Cross-Cultural Perspectives on Painting

Cross-cultural perspectives on painting, examining the meaning of painting in various cultures, mainly the West and Asia.

*** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 375 3:3-0

Narrative Art of Japan

Storytelling with pictures is an ancient art in Japan that continues up to the present day. This course examines the rise of narrative handscrolls in the ancient period to the rise of picture books in the early modern period to manga and anime in contemporary times

*** Prerequisite: Completion of 30 credit hours or permission of Department Head. ***

ARTH 380 - 389 3:3-0

Select Topics in Art History - an AA-ZZ series.

Varying topics in art history. Courses will be designed as required for groups of senior undergraduates.

ARTH 390 - 395 1-6:3-0

Directed Study - an AA-ZZ series.

Directed history of art studies under the supervision of an instructor of the student's choice.

ARTH 396 6:0-3

Internship - an AA-ZZ series.

Supervised internship with an academic component.

** Senior standing and qualifying scholarship record and permission of the department head are required to register. **

ARTH 410 3:3-3

Exhibiting Culture

Museums and galleries shape the messages, perspectives and values that museums and galleries communicate to viewers. This seminar addresses theoretical and practical concepts related to cultures of display and issues of curation.

*** Prerequisite: ARTH 210 and one 300-level course in Art History or permission of Department Head ***

ARTH 440 3:3-3

Curatorial Strategies and Applications

This seminar offers students a practical course where theoretical concepts related to cultures of display and curation are put into

practice in a gallery setting. This course allows students to develop specific skills for working in a gallery or museum setting.

*** Prerequisite: ARTH 210 and one 300-level course in Art History, or permission of the Department Head ***

ARTH 465 3:3-3

Childbirth and Infancy in 18th Century Visual Culture

This course examines societal, cultural and ideological shifts in notions of childhood and infancy that occurred during the Eighteenth Century through artistic representations, including portraiture, scientific illustrations, curiosities, engravings and popular prints. The focus is on work produced in Britain, with comparisons to painting from eighteenth-century Europe.

*** Prerequisite: A 300-level course in Art History or permission of Department Head ***

ARTH 490 - 495 0-6:6-6

Directed Study - an AA-ZZ series.

Directed history of art studies under the supervision of an instructor of the student's choice.

ARTS	Arts Co-op Education
Faculty of Arts	

ARTS 001 1:0-0

Arts Co-op Work Term

Four-month, Co-op work term approved by the Faculty and arranged by the co-op coordinator.

*** Prerequisite: Acceptance into the Arts Co-operative Education Program. ***

** Permission of the Co-op Coordinator is required to register. **

* Note: This course is graded on a pass/fail basis. *

ARTS 002 1:0-0

Arts Co-op Work Term II

Four-month, Co-op work term approved by the Faculty and arranged by the co-op coordinator.

*** Prerequisite: Acceptance into the Arts Co-operative Education Program. ***

** Permission of the Co-op Coordinator is required to register. **

* Note: This course is graded on a pass/fail basis. *

ARTS 003 1:0-0

Arts Co-op Work Term III

Four-month, Co-op work term approved by the Faculty and arranged by the co-op coordinator.

*** Prerequisite: Acceptance into the Arts Co-operative Education Program. ***

** Permission of the Co-op Coordinator is required to register. **

* Note: This course is graded on a pass/fail basis. *

ARTS 004 1:0-0

Arts Co-op Work Term IV

Four-month, Co-op work term approved by the Faculty and arranged by the co-op coordinator.

*** Prerequisite: Acceptance into the Arts Co-operative Education Program. ***

** Permission of the Co-op Coordinator is required to register. **

* Note: This course is graded on a pass/fail basis. *

ARTS 007 0:0-1

Arts Computer Lab

This pass/fail laboratory will familiarize students with microcomputers and the application software available for personal computers. Students will be instructed in the use of word processing, spreadsheet, and presentation software. The emphasis of this lab is to prepare students for the computer-based demands of co-op placements and internships.

* Note: Course fee is \$20.00. *

ASIA	Asia
Faculty of Arts	International Studies Program

ASIA 200 3:3-3

Introduction to Asian Studies

Asian studies will be introduced with respect to a variety of countries and the following themes: Orientalism; Imperialism/Colonialism; Neo-liberalism and Globalization; Tradition versus Modernity; Agriculture;

Population; Resources and Environment; Religion; Political System and Visual Culture.

*** Prerequisite: Completion of 15 credit hours. ***

ASIA 390 1-3:3-3

Topics in Asian Studies - an AA-ZZ series.

Current interest and occasional offerings.

ASIA 396 3-6:6-6

Selected Topics: Hands on Asia - an AA-ZZ series.

Field courses organized around specific Asian themes to be taught in an Asian country (or countries).

ASIA 400 3:3-3

Research Seminar in Asian Studies

An interdisciplinary seminar where students and professors both present and discuss research on Asia and relevant research methods.

** Permission of the Coordinator of International Studies is required to register. **

ASIA 410 3:3-3

Honours Paper in Asian Studies I

A reading course to formalize the supervisory relationship for honours paper, and to ensure the relevant exposure to content analysis (textual analysis), quantitative and/or qualitative methods, as they are relevant to the student's topic.

** Permission of the Coordinator of International Studies is required to register. **

ASIA 420 3:3-3

Honours Paper in Asian Studies II

A reading course to formalize the supervisory relationship for honours paper, and to ensure the relevant exposure to content analysis (textual analysis), quantitative and/or qualitative methods as they are relevant to the student's topic.

** Permission of the Coordinator of International Studies is required to register. **

ASTR	Astronomy
Faculty of Science	Department of Physics

ASTR 101 3:3-1.5

Introduction to Astronomy

Emphasis is placed on the role of observation in the evolution of our theories about the origins of the solar system, and of the size and structure of the universe.

ASTR 201 3:3-1.5

Solar System Astronomy

This course is concerned with the description of the fundamental properties of our solar system. Topics will include: planetary interiors, surface structures and atmospheres, asteroids, comets and meteorites, and the formation of planetary systems.

*** Prerequisite: ASTR 101 ***

ASTR 202 3:3-1.5

Stars and Galaxies

This course is concerned with the properties of the stars and galaxies. Topics will include: observational methods, stellar populations, stellar evolution, galactic structure, and the large-scale structure of the universe.

*** Prerequisite: ASTR 101 ***

AWEI	Arts Work Experience Internship
Faculty of Arts	

AWEI 300 3:0-3

Arts Work Experience Internship - an AA-ZZ series.

The Arts Work Experience Internship consists of a thirteen-week part-time placement at a host organization partner, in which the student intern performs work on designated projects.

** Permission by the AWEI Selection Committee is required to register. **

* Note: Students must fill out the Workers' Compensation Agreement form prior to going on Internship. *

* Note: More information and internship postings can be found at: <http://www.uregina.ca/arts/WEIP/>. *

BIOC	Biochemistry
Faculty of Science	Department of Chemistry

BIOC 220 3:3-3

Biochemistry I - Biomolecules

This course is intended to offer an introduction to the world of Biochemistry. The course deals with the structure, properties, and significance of the major groups of biochemical compounds (amino acids, proteins, carbohydrates, nucleic acids, lipids, and vitamins). Related areas such as pH and buffers will also be discussed and typical procedures for investigation of these materials will be performed in the laboratory.

*** Prerequisite: BIOL 100 and CHEM 140 ***

BIOC 221 3:3-3

Biochemistry II - Metabolism

This course will present the bioenergetic principles, enzyme mechanisms and regulation of the central metabolic pathways. Topics include glycolysis, gluconeogenesis, pentose phosphate pathway, the citric acid cycle, metabolic regulation of glucose and glycogen metabolism, the urea cycle, oxidative phosphorylation and photosynthesis. The laboratory experiments will demonstrate metabolic principles.

*** Prerequisite: BIOC 220 ***

* Note: BIOC 221 replaces BIOC 320 and students cannot receive credit for both. *

BIOC 312 3:3-3

Analytical Chemistry III - Instrumental Analysis

Introduction to instrumental chemical analysis techniques including: GC, HPLC, ion chromatography, flame AAS and OES, GFAAS, capillary electrophoresis, size exclusion chromatography. Lab component: Experiments in instrumental analysis.

*** Prerequisite: CHEM 210 and 215 ***

* Note: Students can only receive credit for one of BIOC 312 and CHEM 312. *

BIOC 321 3:3-3

Biochemistry III - Macromolecules

This class examines the biochemical properties of biomacromolecules including proteins, carbohydrates, lipids and nucleic acids. The structure and functional roles of the macromolecules as well as the regulation of their bioactivities will be studied. The laboratory will deal with the isolation, characterization, and quantitative determination of macromolecules.

*** Prerequisite: BIOC 221 ***

BIOC 330 3:3-0

Enzymes

Lectures will discuss the fundamentals of enzyme chemistry: kinetics, inhibition, structure and mechanism, activity control, and protein folding and evolution.

*** Prerequisite: BIOC 221 ***

* Note: BIOC 330 replaces BIOC 420 and students cannot receive credit for both. *

BIOC 340 3:3-0

Biophysics

This introductory biophysics course examines the theoretical concepts and instrumentation design for microscopic techniques used to probe biological systems. We will investigate the key biological questions that can be addressed with each method. We will mainly focus on light-, fluorescence-, transmission electron-, and scanning electron microscopies with a brief introduction to atomic force microscopy.

*** Prerequisite: BIOC 220 ***

*** Corequisite: BIOC 321 and CHEM 215 ***

BIOC 390 3:3-3

Selected Topics in Biochemistry - an AA-ZZ series.

Selected topics in Biochemistry as defined by the individual instructor for courses at the intermediate level.

BIOC 401 3:0-0

Honours Research

Honours biochemistry students will carry out independent research under the supervision of a faculty member. Students are required to submit a research proposal and to present a summation of their research progress.

* Note: Students can only receive credit for one of BIOC 401 and CHEM 401. *

BIOC 402 **3:0-0**
Honours Thesis
 A continuation of the research project started in BIOC 401. Students will complete their research projects, submit a written research thesis and give an oral presentation and defence of the thesis.
 * Note: Students can only receive credit for one of BIOC 402 and CHEM 402. *

BIOC 423 **3:3-0**
Molecular Genetics
 Anatomy of the genome in prokaryotes and eukaryotes, evolution of genomes, molecular phylogenies, gene expression and its regulation in pro- and eukaryotes, recombination, and modern molecular methods.
 *** Prerequisite: BIOL 305 ***
 * Note: Students can only receive credit for one of BIOC 423 and BIOL 405. *

BIOC 427 - 429 **3:3-0**
Selected Topics in Biochemistry - an AA-ZZ series.
 Courses designed to meet the needs of groups of senior undergraduate students.

BIOC 430 **3:3-0**
Chemical Biology
 Chemical biology can be defined as an interdisciplinary science where chemistry is applied to problems in biology. Topics include protein engineering/directed enzyme evolution, chemical genetics, genomics/proteomics, DNA/protein microarrays, catalytic antibody, ribozyme/DNAzyme, metabolic engineering, combinatorial biosynthesis, DNA nanotechnology, chemical ecology, bio-mimicry, biosensors, membrane transporters, etc.
 *** Prerequisite: BIOL 321 and 330 ***

BIOC 440 **3:3-0**
Advanced Microscopy
 This advanced biophysics course examines the theoretical concepts and instrumentation associated with scanning probe microscopy techniques, such as atomic force- and near-field scanning optical microscopies, that are used to address biochemical/biological questions. There will be a special focus on lipid systems, but applications to proteins, carbohydrates and whole cells will also be discussed.
 *** Prerequisite: BIOC 340 ***

BIOC 450 **3:3-0**
Cell Signalling
 Major signalling pathways are responsible for the regulation of normal and malignant (cancer) mammalian cells. The mechanisms of signal transduction in mammalian cells including: receptor tyrosine kinases, receptor serine-threonine kinases, death receptors, G-protein-coupled receptors, small GTPases, cytoplasmic tyrosine kinases, phosphatases, protein-protein interactions, protein degradation, the Ras-MAPK, JNK, p38 and apoptotic cascades, will be discussed.
 *** Prerequisite: BIOC 321 ***
 * Note: BIOC 450 replaces BIOC 390AB and students cannot receive credit for both. *

BIOC 490 - 495 **1-3:3-0**
Directed Readings - an AA-ZZ series.
 Courses designed to meet the specific needs of individual students.
 * Note: These courses are restricted to honours students. *

BIOL	Biology
Faculty of Science	Department of Biology

BIOL 051 - 054 **0:0-0**
Biology Co-op Work Term I
 Four-month co-op work term approved by the department and arranged by the co-op coordinator.

BIOL 100 **3:3-1.5**
Introductory Biology I
 A survey of the kingdom Animalia and a range of topics including the origin of life, cell structure and function, the diversity of living forms, their ecology, evolution and reproduction.
 *** Prerequisite: Biology 30 and Chemistry 30 are strongly recommended. ***
 * Note: This course is designed for biology majors, pre-professional students, secondary education science students, and those wanting two semesters of biology. Students seeking a single semester introductory course are advised to take Biology 140 or 150. *

BIOL 101 **3:3-3**
Introductory Biology II
 A survey of the kingdoms containing the bacteria, protists, fungi, and plants and including the basic structure, diversity, physiology, ecology, and other characteristics of these organisms.
 *** Prerequisite: Biology 100 is strongly recommended. ***
 * Note: This course is designed for biology majors, pre-professional students, secondary education science students, and those wanting two semesters of biology. Students seeking a single semester introductory course are advised to take BIOL 140 or 150. *

BIOL 140 **3:3-1.5**
Human Biology
 An introductory level course covering the principles of biology with examples taken from humans.
 * Note: This course is designed to apply the study of biological principles to humans. Biology majors cannot take this course for credit. Students cannot receive credit for both BIOL 140 and 150. Students who have credit for either BIOL 100 or BIOL 101 cannot subsequently receive credit for either of BIOL 140 or BIOL 150. *

BIOL 150 **3:3-1.5**
Biological Principles
 This course is a survey of basic modern biological principles. Topics will include: origin of life, basic cell structure and function, evolution, an outline of organism diversity, ecological principles, and selected functions of multicellular organisms.
 * Note: Designed for students who do not intend to be biology majors and who are not in pre-professional programs. Students cannot receive credit for both BIOL 140 and 150. Students who have credit for BIOL 100 or BIOL 101 cannot subsequently receive credit for either of BIOL 140 or BIOL 150. *

BIOL 201 **3:3-0**
Evolutionary Biology of Sex
 This lecture based course will help students understand sexual reproduction in animals (including humans) in an evolutionary context. Specifically the course will deal with issues about the potential conflicts between males and females and their offspring. Topics will include evolution and natural selection in the context of the function of sex, sexual selection, mating systems, mate selection and parental investment, social behaviour, male-female and parent-offspring conflict.
 *** Prerequisite: 24 credit hours ***
 * Note: Any students who have taken BIOL 275 are precluded from taking this course. *

BIOL 205 **3:3-3**
Introductory Genetics
 This course covers chromosome theory of inheritance/eukaryotic transmission genetics. Topics will include: nature of genetic material, DNA replication, mechanism of mutation, natural recombination, artificial recombination, recombinant DNA technology/genetic engineering, and population genetics.
 *** Prerequisite: BIOL 100 and 101, CHEM 140 ***

BIOL 220 **3:3-3**
Introductory Microbiology
 This is an introductory microbiology course covering microbial structure, physiology, genetics and environmental relationships, mainly with respect to bacteria, but also in part with the fungi, rickettsiae, and viruses. Basic concepts of the immune response will also be covered.
 *** Prerequisite: BIOL 100 and 101 ***

BIOL 265 **3:3-3**
Animal Physiology
 An introductory course covering the general principles of physiology from molecules to the whole animal level.
 *** Prerequisite: BIOL 100 and 101, CHEM 140 ***

BIOL 266 **3:3-3**
Plant Physiology
 This course covers the functioning of plants and their interaction with the environment. Topics will include: photosynthesis, water relations, transport processes, mineral nutrition and assimilation, hormones, and development.
 *** Prerequisite: BIOL 100 and 101 ***

BIOL 275 **3:3-3**
Ecology
 This is an introductory course that covers plant, animal, and microbial ecology. Field work will be required.

*** Prerequisite: BIOL 100 and 101 ***

BIOL 276 3:3-0

Environmental Biology

This course discusses the biological basis for environmental change and its impacts on human society and will review the patterns, causes and consequences of human-induced and natural environmental change. Topics will include: global warming, acid rain, ozone depletion, fisheries collapse, sustainable forestry, agriculture, biodiversity, and conservation. For Biology and Environmental Science majors.

*** Prerequisite: BIOL 100 and 101 ***

BIOL 288 3:3-3

Cell Biology

This is an introductory course in cell biology covering the structure and function of cells and their organelles.

*** Prerequisite: BIOL 100 and 101, CHEM 140 ***

BIOL 302 3:3-3

Food Microbiology

Students will be introduced to the importance of microbes in foods. Topics will include: microbial ecology in food environments, survey of microbes important in food spoilage and food borne illness, food fermentations, and control and detection of detrimental microbes with special emphasis on novel or emerging techniques.

*** Prerequisite: BIOL 220 ***

BIOL 305 3:3-3

Genetics

This course covers the evolution of concepts of the gene. Topics will include: bacterial and viral genetics, genetic code and translation, transcription, processing of RNA and protein molecules, structural organization of prokaryotic and eukaryotic genes, and regulation of gene expression.

*** Prerequisite: BIOL 205 and 288 ***

BIOL 315 3:3-3

Population Genetics and Evolution

This course presents an analysis of diversity in natural and experimental populations. Topics will include: quantitative genetics, evidence for evolution, and species, speciation and macroevolution.

*** Prerequisite: BIOL 205 ***

* Note: STAT 100 or STAT 160 is recommended. *

BIOL 335 3:3-3

Limnology

Physical and chemical characteristics of lakes and streams. Nutrient cycling. Ecology of aquatic organisms. Food-web interactions in lakes. Human impact on freshwater ecosystems. History of lakes. Includes field work.

*** Prerequisite: BIOL 275 and CHEM 140 ***

BIOL 341 3:3-3

Biometrics

A practical and computer-assisted approach to the design of biological experiments and to multivariate analyses of discrete and continuous variables.

*** Prerequisite: BIOL 100 and 101, STAT 100 and STAT 200, or STAT 160 ***

BIOL 365 3:3-3

Vascular Plants

Morphology and reproduction of vascular plants with particular reference to the interrelationships and evolutionary history of the major groups.

*** Prerequisite: BIOL 275 ***

BIOL 366 3:3-3

Advanced Plant Physiology

Environmental, physiological and biochemical regulation of photosynthesis and respiration, plant energetics, acclimation to abiotic stress, interactions between photosynthesis and stress.

*** Prerequisite: BIOL 266 and 288, BIOC 220 ***

BIOL 367 3:3-3

Plant Taxonomy

This course covers plant classification and nomenclature with special emphasis on flowering plants. Techniques of identification and diagnostic features of selected groups of plants will be described.

*** Prerequisite: BIOL 275 ***

BIOL 375 3:3-0

Systems Ecology

An ecosystem approach to energy flow and nutrient cycling in Saskatchewan prairies, forests and lakes.

*** Prerequisite: BIOL 275 and one of STAT 200, STAT 201 or higher or BIOL 341 ***

BIOL 380 3:3-3

Animal Behaviour

An evolutionary approach to the study of the behaviour and ecology of individual animals. Compulsory field work for one week before lectures begin.

*** Prerequisite: BIOL 275 and one of STAT 200, STAT 201 or higher or BIOL 341 ***

BIOL 385 3:3-3

Vertebrate Animal Biology

The anatomy, evolution, taxonomy, distribution, phylogeny and fossil history of vertebrate animals. Laboratories will involve dissections to illustrate diversity of body form and function.

*** Prerequisite: BIOL 265 or BIOL 275 ***

BIOL 390 3:3-3

General and Comparative Endocrinology

Principles and concepts in vertebrate and invertebrate control systems including the principal actions of hormones, neurohormones, hormone interactions and the evolution of hormones and their action.

*** Prerequisite: BIOL 265 ***

BIOL 395 3:3-3

Animal Developmental Biology

Will provide an overview of the major cellular and molecular events during early embryonic development in animals. Following discussions from fertilization to an outline of the body plan, the development of selected organ systems will be studied in greater depth. The role of gene activity in development will be considered.

*** Prerequisite: BIOL 288 ***

BIOL 401 3:3-3

Molecular Evolution and Systematics

An introduction to fundamental concepts in evolution and systematics with an emphasis on computer-assisted analysis of DNA and protein sequences. Course provides opportunities for learning applied aspects of molecular approaches to, for example, biogeography, ecology and paleontology.

*** Prerequisite: One of BIOL 305, 315, 405, BIOC 423 with a minimum grade of 65%. ***

BIOL 403 3:3-3

Microbial Ecology

Ecology of micro-organisms in soil and water.

*** Prerequisite: BIOL 220, and BIOL 275 or 276 ***

BIOL 405 3:3-3

Molecular Genetics

Anatomy of the genome in prokaryotes and eukaryotes, evolution of genomes, molecular phylogenies, gene expression and its regulation in pro- and eukaryotes, recombination, and modern molecular methods.

*** Prerequisite: BIOL 305 ***

BIOL 410 3:3-3

Bacterial Genetics

A focus on prokaryotic genetics that will include topics on: genome organization/structure, gene regulation with particular emphasis on its role in bacterial development, principles of gene transfer, genetic mutation including transposition, and applied bacterial genetics.

*** Prerequisite: BIOL 305 ***

BIOL 425 3:3-1

Ecological Methodology

A framework for research investigating ecological patterns and processes in natural populations and communities. Observational and experimental methodologies will be covered to enable the students to develop and test hypotheses.

*** Prerequisite: BIOL 275 and one of STAT 200, STAT 201 or higher or BIOL 341 ***

BIOL 435 3:3-3

Advanced Aquatic Ecology

Regulation of plankton communities in freshwater and saline lakes. Experimental evidence for population control by predation,

competition, and the physical environment. Experimental design. There will be individual field research projects.

*** Prerequisite: BIOL 335 ***

BIOL 455 3:3-3

Developmental Endocrinology

An integrative study of the hormonal signaling systems regulating developmental processes with a focus on metamorphosis. Topics will vary annually with emphasis being placed on the importance of gene expression in the regulation of developmental programs.

*** Prerequisite: BIOL 305 or BIOL 395, and BIOL 390 ***

BIOL 456 3:3-0

Global Biogeochemistry

The course will present an in-depth examination of elemental cycles within the context of global change. Topics will include the biogeochemical properties of water, carbon, nitrogen, sulphur, phosphorus, and some contaminants and the ways in which anthropogenic activities have altered the behaviour and movement of these elements.

*** Prerequisite: CHEM 102 & one of BIOL 275 or 276 ***

BIOL 465 3:3-3

Comparative Physiology

Physiological mechanisms employed by organisms at the cellular, tissue and whole body levels emphasizing similarities and differences among phylogenetically related organisms.

*** Prerequisite: BIOL 265 ***

BIOL 475 3:3-0

Population and Community Ecology

Advanced topics in population and community regulation.

*** Prerequisite: BIOL 275, MATH 105 or 110, and one of STAT 200, STAT 201 or higher, or BIOL 341 ***

BIOL 476 3:3-3

Quaternary Ecology and Palynology

Analysis and ecological significance of Quaternary changes in biological distribution. Emphasis on study of pollen grains, spores and other micro fossils in Quaternary, especially Holocene, ecology.

*** Prerequisite: BIOL 275 ***

BIOL 485 3:3-3

Ornithology

Classification, anatomy, physiology, behaviour, ecology and conservation of birds. Compulsory field work will be required.

*** Prerequisite: BIOL 385 ***

BIOL 488 0:1-0

Seminars in Biology

All majors and honours students in their fourth year must attend the departmental seminar series.

BIOL 490 - 495 1-3:3-0

Selected Topics/Reading Courses - an AA-ZZ series.

Courses used to offer topical material.

BIOL 498 3:1-0

Honours Research

Individual student research under the direction of a faculty member in the final year of the Bachelor of Science Honours program.

BIOL 499 3:1-0

Honours Thesis

Preparation and defense of honours thesis. The defense will consist of a seminar, attended by all other current honours students, on the research conducted. The seminar will be followed by an oral examination of the thesis by a faculty committee.

BUS	Business
Faculty of Business Administration	

BUS 001 - 004 0:0-0

Co-operative Business Administration Work/Study I

This non-credit course is for students in their first work term. Registration in this course enables students completing work terms to enjoy the same privileges (eg. use of University facilities) enjoyed by students registered for the semester.

** Acceptance into the Co-operative Education program is required prior to registration. **

BUS 007 0:0-2

Business Computer Lab

This compulsory pass/fail laboratory will familiarize students with microcomputers and the application software available for personal computers. Students will be instructed in the use of word processing, spreadsheets, presentation software, databases and communication packages. The emphasis of the lab will be on managerial applications of the software so students will be able to utilize the computer for their remaining business administration courses.

* Note: Students must take this course during their first semester in the BBA. *

BUS 100 3:3-0

Introduction to Business

This course will introduce students to the functional areas of business in a variety of organizations.

* Note: Course may be taken only by Business Administration Qualifying students and Excellence students in their first 30 credits of university studies. Students may not receive credit for both BUS 100 and ADMN 100. *

BUS 205 3:3-0

Management Communication

This course is designed to assist students to improve their skills and confidence as effective communicators in an organizational context. Students will explore the issues faced by organizations in communicating internally with employees and externally with diverse publics. The course will focus on both oral and written communication.

* Note: Students may only receive credit for one of BUS 205, ADMN 205, and ADMN 265. *

BUS 210 3:3-0

Introduction to Marketing

This course presents the fundamentals of marketing theory and practice at the introductory level. Drawing upon contributions from the social sciences, the course will introduce students to the generic nature of marketing activity. In particular, attention is directed toward the study of the price, promotion, place, and product components of the "marketing mix". Attention is also directed toward the social and legal environment within which the marketing system functions.

*** Prerequisite: BUS 260 or ADMN 260 (concurrent enrolment is allowed) ***

* Note: Students may not receive credit for both BUS 210 and ADMN 210. *

BUS 250 3:3-0

Introduction to Human Resource Management and Industrial Relations

This introductory course addresses basic concepts and processes of the field of human resource management. Topics include: human resource planning, job analysis, recruitment, selection, orientation, training and development, performance management, compensation management, workplace health and safety, and employee and labour relations.

*** Prerequisite: BUS 260 (or ADMN 260) ***

* Note: Students may not receive credit for both BUS 250 and ADMN 250. *

BUS 260 3:3-0

Introduction to Organizational Behaviour

This introductory course addresses the basic concepts and processes of organizational behaviour. Topics will include: individual level variables, such as perception, personality, attitudes, and motivation; interpersonal and group processes, such as communication, teams, leadership, and power; and, organizational level factors such as organizational design, culture, and change.

*** Prerequisite: EPS 116 or ENGL 100 or AE 019 (concurrent enrolment is allowed) ***

* Note: Students may not receive credit for both BUS 260 and ADMN 260. *

BUS 270 3:3-0

Introduction to Quantitative Analysis

This course is an introduction to the use of quantitative techniques as an aid to organizational decision making. Emphasis will be on the formulation and solution of resource allocation, inventory, scheduling, and decision making and on the suitability of such methods.

*** Prerequisite: MATH 103 and STAT 100 ***

* Note: Students may not receive credit for both BUS 270 and ADMN 270. *

BUS 275 Operations Management An introduction to the management of the operations function in organizations. Topics will include: forecasting, planning, scheduling, layout, control over quality, and quantity of output. Problems of production of both goods and services will be considered. The course will also include an introduction to the use of quantitative techniques as an aid to organizational decision making. *** Prerequisite: MATH 103 and STAT 100 *** * Note: Students may not receive credit for both BUS 275 and ADMN 275. *	3:3-0	perspective. This course focuses upon the nature of international business and the distinctive opportunities and problems that arise in a global business environment. Topics include international trade, the international monetary system, multinational business operations, economic integration, and business relations with host countries. *** Prerequisite: BUS 210 (or ADMN 210), BUS 250 (or ADMN 250), BUS 275 (or ADMN 275), BUS 288 (or ADMN 288), and BUS 290 (or ADMN 290) *** * Note: Students may not receive credit for both BUS 308 and ADMN 308. *
BUS 285 Introduction to Financial Accounting This course presents the fundamentals of financial accounting theory and practice at the introductory level. Basic accounting principles, their application in modern business organizations, and the preparation of business records and financial reports are considered. * Note: Students may not receive credit for both BUS 285 and ADMN 285. *	3:3-2	BUS 309 International Trade Management This course provides students with the fundamentals of managing international trade. Topics may include: export management, international business planning, managing strategic alliances, supply chain management in an international context, and managing the logistics of international trade. *** Prerequisite: BUS 308 (or ADMN 308) ***
BUS 288 Introduction to Managerial Accounting This course introduces the use of accounting systems for managerial information and control purposes. It also provides an introduction to some of the problems inherent in assigning valuations to various cost objects. *** Prerequisite: BUS 285 (or ADMN 285) *** * Note: Students may not receive credit for both BUS 288 and ADMN 288. *	3:3-0	BUS 310 Strategic Marketing The purpose of the course is to introduce students to the types of decisions they would be facing in a marketing-related job. Emphasis will be placed on the application of theoretical concepts to real world problems by using case studies. The course will focus on the major decisions facing marketing executives in their attempt to harmonize the objectives and resources of the organization with the opportunities found in the marketplace. *** Prerequisite: BUS 210 (or ADMN 210) *** * Note: Students may not receive credit for both BUS 310 and ADMN 310. *
BUS 290 Introduction to Finance An introduction to the fundamental valuation techniques used in finance. Topics will include: discounted cash flow analysis, net present value, capital budgeting, risk, asset and security valuation, and corporate capital structure. *** Prerequisite: STAT 100 and BUS 285 (285 may be taken concurrently) *** * Note: Students may only receive credit for one of BUS 290, ADMN 290, and ACSC 216. *	3:3-0	BUS 312 Consumer Behaviour A survey of the noteworthy contributions of the behavioural sciences that contribute to the understanding and the prediction of consumer behaviour and the various research techniques in the social sciences that contribute to the understanding of consumer purchasing and decision-making processes, with particular attention to formal and informal influence patterns. Also includes a survey of models of consumer purchasing behaviour, brand loyalty, and product cycles. *** Prerequisite: BUS 210 (or ADMN 210) *** * Note: Students may only receive credit for one of BUS 312, ADMN 312, and ADMN 412. *
BUS 302 Small Business Management This course explores small business as a career alternative and addresses the nature of entrepreneurship and the elements of start-up: opportunity identification, feasibility analysis, integration of marketing and operating strategies, venture finance, and the business plan. *** Prerequisite: Business Administration students: BUS 210 (or ADMN 210), BUS 250 (or ADMN 250), BUS 275 (or ADMN 275), BUS 288 (or ADMN 288), and BUS 290 (or ADMN 290); Science, Engineering, and Education students: Completion of a minimum of 60 credit hours of university studies. *** * Note: Students may only receive credit for one of BUS 302, ADMN 302, and ENGG 436. *	3:3-0	BUS 340 Government Finance This course examines the basic principles and practices of government finance in Canada. Topics will include: the role of government expenditures, basic principles and structure of taxation, and inter-governmental transfers. *** Prerequisite: ECON 201 and ECON 202 *** * Note: Students may only receive credit for one of BUS 340, ADMN 340, and ECON 232. *
BUS 306 Ethics in Decision Making This course introduces students to the principles and processes of ethical decision making in business. The course is designed to give students a strong conceptual and practical knowledge of ethics. Students will learn ethical principles and develop competence in applying sound ethical decision making processes within the context of organizations and their interaction with society. *** Prerequisite: 45 credit hours of university studies *** * Note: Students may not receive credit for both BUS 306 and ADMN 306. *	3:3-0	BUS 355 Introduction to Industrial Relations This course concerns the employment relationship and, in particular, the union management relationship. The economic, social and political context of collective bargaining is examined as well as the processes used by the parties. While the primary focus is on Canadian public and private organizations, comparisons with some other nations will be made. *** Prerequisite: BUS 250 (or ADMN 250) *** * Note: Students may not receive credit for both BUS 355 and ADMN 355. *
BUS 307 Business Law This course provides an introduction to Canadian legal institutions and processes. Topics will include: the judicial system, law making, contracts, torts and civil liability, constitutional and administrative law, and criminal law. *** Prerequisite: 45 credit hours of university studies *** * Note: Students may not receive credit for both BUS 307 and ADMN 307. *	3:3-0	BUS 356 Staffing Organizations This course takes the perspective of human resources professionals and is concerned with recruitment, selection, placement in the workplace, and career patterns within the organization. The focus is on the design, implementation, and operation of staffing systems. *** Prerequisite: BUS 250 (or ADMN 250) *** * Note: Students may only receive credit for one of BUS 356, ADMN 356, and ADMN 435AA. *
BUS 308 International Business The rapid growth of international business and competition requires business executives to view business management from a global	3:3-0	BUS 357 Compensation This course takes the perspective of human resources professionals and is concerned with the policies, objectives and techniques of designing, and implementing compensation systems. Topics will

include: providing for internal and external equity, performance pay, indirect pay systems, and international compensation considerations.

*** Prerequisite: BUS 250 (or ADMN 250) ***

* Note: Students may not receive credit for both BUS 357 and ADMN 357. *

BUS 358 3:3-0

Training and Development

This course takes the perspective of human resources professionals and is concerned with the design, implementation, and evaluation of training and development programs. Topic will include: performing needs analysis, applying learning models in designing and implementing programs, and evaluating the costs and benefits of training and development. The course also considers career development issues and practices.

*** Prerequisite: BUS 250 (or ADMN 250) ***

* Note: Students may only receive credit for one of BUS 358, ADMN 358, and ADMN 435AL. *

BUS 361 3:3-0

Management of Performance

This course takes the perspective of human resources professionals and is concerned with the design, development, implementation, and evaluation of systems that measure, support, review and appraise individual performance. These systems can help managers improve workforce effectiveness and address performance problems.

*** Prerequisite: BUS 250 (or ADMN 250) ***

* Note: Students may not receive credit for both BUS 361 and ADMN 361. *

BUS 362 3:3-0

Management Skill Development

This course concerns the development of managerial skills such as: managing stress, organizing work, creating motivating work environments, interacting with others, leading others, building a high-performance team, and making effective decisions. The course involves self-assessment, analysis, practice, and application directed at improving students' personal effectiveness as managers.

*** Prerequisite: BUS 250 or ADMN 250 ***

* Note: Students may only receive credit for one of BUS 362, ADMN 362, and ADMN 462. *

BUS 363 3:3-0

Organizational Analysis

This course concerns the structures and processes of organizations and their sub-units as they influence and are influenced by their technology and environment. Topics will include: organizational strategy and structure, organizational decision-making, conflict, life cycles, innovation, and emerging forms.

*** Prerequisite: BUS 250 (or ADMN 250) ***

* Note: Students may only receive credit for one of BUS 363, ADMN 363, and ADMN 463. *

BUS 364 3:3-0

Managing a Diverse Workforce

This course concerns the increasing diversity of the work force and the major challenges and opportunities faced by organizations and their managers. Topics will include: maintaining fairness and justice, making effective decisions for performance improvement, allowing flexibility, and managing in the global environment. The course also examines the legal frameworks in place that value and protect employee and employer rights related to gender, race, age, religion, sexual orientation, ability, etc.

*** Prerequisite: BUS 250 (or ADMN 250) ***

* Note: Students may only receive credit for one of BUS 364, ADMN 364, and ADMN 435AP. *

BUS 375 3:3-0

Managing Information Systems

An overview of management and organizational issues surrounding the Information Systems/Information Technology function (IS/IT) and in its interaction with business functions within and between organizations. Topics will include: the evolution of the IS/IT functions, functional area systems, current trends, strategy, managing and acquiring IS resources and ethical issues surrounding IS/IT.

*** Prerequisite: BUS 210 (or ADMN 210), BUS 250 (or ADMN 250), BUS 275 (or ADMN 275), BUS 288 (or ADMN 288), and BUS 290 (or ADMN 290) ***

* Note: Students may only receive credit for one of BUS 375, ADMN 375, and ADMN 435AL. *

BUS 384 3:3-2

Introduction to Taxation for Business Decisions

This course provides an introduction to the business aspects of taxation from the perspective of the business manager.

*** Prerequisite: BUS 285 (or ADMN 285) ***

* Note: Students are encouraged to have completed BUS 340 (or ADMN 340). Students may not receive credit for both BUS 384 and ADMN 384. *

BUS 385 3:3-2

Intermediate Financial Accounting I

This course continues and builds upon the study of financial accounting begun in BUS 285. It extends students' understanding of generally accepted accounting principles through an in-depth examination of asset, liability and shareholders' equity valuation, and income measurement and financial statement analysis. It provides a greater awareness of the underlying rationale of existing practice and an appreciation of the characteristics and limitations of accounting.

*** Prerequisite: BUS 285 (or ADMN 285) and BUS 290 (or ADMN 290). Concurrent enrolment is allowed in BUS 290. ***

* Note: Students may not receive credit for both BUS 385 and ADMN 385. *

BUS 386 3:3-0

Auditing Theory and Application

This course emphasizes the philosophy of auditing and its importance in the acceptance of financial statements by society. Topics will include: audits, responsibilities of auditors, and the objectives of independent audit.

*** Prerequisite: STAT 100, and BUS 385 (or ADMN 385).

Concurrent enrolment is allowed in BUS 385. ***

* Note: Students may not receive credit for both BUS 386 and ADMN 386. *

BUS 387 3:3-0

Intermediate Financial Accounting II

This course continues and builds upon the study of financial accounting begun in BUS 385. It extends students' understanding of generally accepted accounting principles through an in-depth examination of complex measurement issues.

*** Prerequisite: BUS 385 (or ADMN 385) ***

* Note: Students may not receive credit for both BUS 387 and ADMN 387. *

BUS 388 3:3-0

Cost Accounting

This course expands on the introductory cost accounting material covered in BUS 288. Emphasis is placed on cost accounting systems and cost accumulation methods. Topical coverage will also include an examination of uses and limitations of quantitative techniques and the behavioural implications of internal financial systems.

*** Prerequisite: BUS 288 (or ADMN 288) ***

* Note: Students may not receive credit for both BUS 388 and ADMN 388. *

BUS 395 3:3-0

Finance: Theory and Application

This course discusses theoretical models and their applications.

Topics will include: capital structure, cost of capital, dividend policy, market efficiency, portfolio theory, and asset pricing.

*** Prerequisite: BUS 290 (or ADMN 290) or ACSC 216 with a minimum grade of 60%. ***

* Note: Students may not receive credit for both BUS 395 and ADMN 395. *

BUS 400 3:3-0

Business Strategy

This course focuses on the formulation and implementation of policy and strategy. It centers on the role and responsibilities of the general manager in formulating the goals and objectives of an organization; on integrating policies, plans, and programs; and, on using structures and systems of personal influence so that the organization can operate with a sense of direction and purpose.

*** Prerequisite: All core business administration courses and a minimum of 90 credit hours. ***

* Note: Students may not receive credit for both BUS 400 and ADMN 400. *

BUS 405 Business, Government and Society This course provides the student with an understanding of the institutional framework of the Canadian economy and society. *** Prerequisite: All required business administration courses and a minimum of 90 credit hours. *** * Note: Students may not receive credit for both BUS 405 and ADMN 405. *	3:3-0	BUS 417 Internet Marketing This course examines the impact of the Internet on marketing and related business functions that enable and support it. The focus will be on investigating the role marketing has on the utility of the Internet as a tool for business to increase effectiveness, efficiency, and competitiveness. *** Prerequisite: BUS 210 (or ADMN 210) *** * Note: Students may only receive credit for one of BUS 417, ADMN 417, and ADMN 435AC. *
BUS 408 International Study Trips - an AA-ZZ series. The course includes a study tour to a foreign country. The objective is to examine the concepts and current practices related to doing business in an international environment. It will develop an understanding of the people, culture, and history of the particular country being visited. The course includes an examination of business, finance, politics and business culture. *** Prerequisite: Completion of 60 credit hours *** * Note: Students may not receive credit for both BUS 408AA-ZZ and an equivalent ADMN 408AA-ZZ or ADMN 435AA-ZZ study trip to the same country. *	3:3-0	BUS 432 Directed Readings in Business - an AA-ZZ series. This course consists of directed readings in selected topics in business. *** Prerequisite: Dependent on each class offering (Please see Faculty of Business Administration General Office). *** * Note: Students may not receive credit for both BUS 432AA-ZZ and an equivalent ADMN 432AA-ZZ covering the same topic. *
BUS 410 Advanced Marketing Strategy In this course, real world cases describing complex marketing situations will be used to teach strategic thinking. Students will conduct in-depth analysis of business cases in order to practice marketing and business decision-making skills. *** Prerequisite: BUS 310 (or ADMN 310), and BUS 312 (or ADMN 312 or ADMN 412) *** * Note: Students may not receive credit for both BUS 410 and ADMN 410. *	3:3-0	BUS 435 Selected Topics in Business - an AA-ZZ series. Courses are designed as required for individuals or groups of undergraduates. *** Prerequisite: Dependent on each class offering. (Please see Faculty of Business Administration General Office). *** * Note: Students may not receive credit for both BUS 435AA-ZZ and an equivalent ADMN 435AA-ZZ covering the same topic. *
BUS 413 Marketing Research This course is designed to introduce the fundamentals of marketing research, including concepts of general applicability to management research. The course includes a survey of contemporary research techniques as well as a detailed study of marketing research procedures that include questionnaire design, sampling and data collection, analysis, interpretation, and the application of findings. *** Prerequisite: BUS 210 (or ADMN 210) and STAT 200 *** * Note: Students may not receive credit for both BUS 413 and ADMN 413. *	3:3-0	BUS 453 Strategic Human Resource Management This course concerns the development and integration of human resource management practices to further the strategic direction of the organization. The course addresses: HR forecasting and planning, succession management, strategic approaches to other human resource management functions, and current HRM issues such as emerging organizational forms, downsizing and restructuring, and mergers and acquisitions. *** Prerequisite: BUS 250 (or ADMN 250) *** * Note: Students may only receive credit for one of BUS 453, ADMN 453, and ADMN 353. *
BUS 414 Management of Promotion The course combines concepts in advertising, personal selling and other marketing communications tools to provide an overall promotional mix. It focuses on the theory and rationale behind various structures, and keeps the purely descriptive content to a reasonable minimum. Problems are viewed through the eyes of the promotions manager rather than from the technician's perspective. *** Prerequisite: BUS 210 (or ADMN 210) *** * Note: Students may not receive credit for both BUS 414 and ADMN 414. *	3:3-0	BUS 455 Conflict Resolution in Employee-Management Relationships This course involves understanding the nature, origins and state of conflict commonly found within the employment relationship. It identifies the processes that must be put in place to handle conflict appropriately in both unionized and non-unionized environments. Facilitation and negotiation skills will be emphasized. *** Prerequisite: BUS 355 (or ADMN 355) *** * Note: Students may not receive credit for both BUS 455 and ADMN 455. *
BUS 415 International Marketing This course will concentrate on the problems associated with conducting business in a foreign market. How should a company, large or small approach an export market? How significant are the cultural differences and how will these differences affect the selection of a marketing strategy? How should this strategy be selected and what retaliation can be expected from the domestic competition? *** Prerequisite: BUS 310 (or ADMN 310) *** * Note: Students may not receive credit for both BUS 415 and ADMN 415. *	3:3-0	BUS 461 Organization Change and Development This course provides students with an understanding of the basis for planned change in both sub-units and organizations. It provides a conceptual foundation for the diagnosis and analysis of organizational issues, and the development and implementation of strategies to introduce change in order to improve organizational effectiveness. It examines interventions that enhance opportunities for employees and result in creating high-performing organizations. *** Prerequisite: BUS 250 (or ADMN 250) *** * Note: Students may not receive credit for both BUS 461 and ADMN 461. *
BUS 416 Sales Management and Personal Selling This course addresses the formulation and implementation of the strategic sales program, including evaluation and control of corporate sales performance. Topics will include: organization and integration of the company's personal selling efforts within the total marketing effort; selection, training and direction of sales personnel; and monitoring, evaluation and adjustment of performance and programs. *** Prerequisite: BUS 210 (or ADMN 210), and BUS 250 (or ADMN 250) *** * Note: Students may only receive credit for one of BUS 416, ADMN 416, and ADMN 435AE. *	3:3-0	BUS 471 Selected Topics in Accounting - an AA-ZZ series. This course consists of directed readings in selected topics in accounting. *** Prerequisite: Dependent on each course offering. (Please see Faculty of Business Administration General Office). *** * Note: Students may not receive credit for both BUS 471AA-ZZ and an equivalent ADMN 471AA-ZZ covering the same topic. *
		BUS 472 Selected Topics in Finance - an AA-ZZ series. This course consists of directed readings in selected topics in finance. *** Prerequisite: Dependent on each course offering. (Please see Faculty of Business Administration General Office). *** * Note: Students may not receive credit for both BUS 472AA-ZZ and an equivalent ADMN 472AA-ZZ covering the same topic. *

BUS 473 **1-3:3-3**
Selected Topics in Human Resource Management - an AA-ZZ series.

This course consists of directed readings in selected topics in human resources.

*** Prerequisite: Dependent on each course offering. (Please see Faculty of Business Administration General Office). ***
 * Note: Students may not receive credit for both BUS 473AA-ZZ and an equivalent ADMN 473AA-ZZ covering the same topic. *

BUS 474 **1-3:3-3**
Selected Topics in Marketing - an AA-ZZ series.

This course consists of directed readings in selected topics in marketing.

*** Prerequisite: Dependent on each course offering. (Please see Faculty of Business Administration General Office). ***
 * Note: Students may not receive credit for both BUS 474AA-ZZ and an equivalent ADMN 474AA-ZZ covering the same topic. *

BUS 475 **3:3-0**
Selected Topics in Management Information Systems - an AA-ZZ series.

This course consists of current or special interest topics in Management Information Systems from a managerial orientation.

*** Prerequisite: BUS 375 (or ADMN 375) or ADMN 435AI ***
 * Note: Students may not receive credit for both BUS 475AA-ZZ and an equivalent ADMN 475AA-ZZ covering the same topic. *

BUS 484 **3:3-0**
Advanced Taxation

This course provides an in-depth analysis of income and commodity taxes in Canada.

*** Prerequisite: BUS 384 (or ADMN 384) ***
 * Note: Students may not receive credit for both BUS 484 and ADMN 484. *

BUS 485 **3:3-0**
Advanced Financial Accounting

This course covers the accounting for long-term investments, business combinations, parent-subsidiary relationships, and foreign currency transactions and the translation of foreign operations. As well, this course examines cases integrating material from the prerequisite financial accounting courses.

*** Prerequisite: BUS 387 (concurrent enrolment is allowed) ***
 * Note: Students may not receive credit for BUS 485 and ADMN 485. *

BUS 487 **3:3-0**
Accounting Theory

This course examines a variety of approaches to accounting theory and research, related accounting measurement issues, and the relationship between accounting theory and policy.

*** Prerequisite: BUS 385 (or ADMN 385) ***
 * Note: Students may not receive credit for both BUS 487 and ADMN 487. *

BUS 488 **3:3-0**
Advanced Managerial Accounting

This course is designed to integrate and evaluate managerial planning and control concepts. System design, control in large organizations and the impact of internally generated information on capital markets are emphasized.

*** Prerequisite: BUS 270 (or ADMN 270) and BUS 388 (or ADMN 388) ***
 * Note: Students may not receive credit for BUS 488 and ADMN 488. *

BUS 489 **3:3-0**
Contemporary Issues in Accounting - an AA-ZZ series.

This course will offer senior students an opportunity to explore, in depth, a particular current issue (or issues) in accounting. The topics will vary according to student and joint areas of interest.

*** Prerequisite: BUS 387 (or ADMN 387) ***
 * Note: Students may not receive credit for both BUS 489AA-ZZ and an equivalent ADMN 489AA-ZZ covering the same topic. *

BUS 491 **3:3-0**
International Financial Management

This course develops a broad conceptual framework for making international financial decisions. Topics include purchasing power parity, spot and forward exchange rate fundamentals, and foreign exchange risk.

*** Prerequisite: BUS 395 (or ADMN 395) ***

* Note: Students may not receive credit for both BUS 491 and ADMN 491. *

BUS 492 **3:3-0**
Topics in Financial Management - an AA-ZZ series.

This course is an intensive study of selected topics in financial management. Coverage may vary from year to year depending upon the current needs of the students.

*** Prerequisite: BUS 395 (or ADMN 395) ***
 * Note: Students may not receive credit for both BUS 492AA-ZZ and an equivalent ADMN 492AA-ZZ covering the same topic. *

BUS 495 **3:3-0**
Financial Analysis and Decision Making

This course is an exploration of analytical techniques using financial information for decision making. Topics will include: identification and forecasting of relevant cash flows; project, firm and equity valuation; optimal financial leverage; and, sensitivity analysis.

*** Prerequisite: BUS 395 (or ADMN 395) ***
 * Note: Students may not receive credit for both BUS 495 and ADMN 495. *

BUS 497 **3:3-0**
Investment Analysis and Portfolio Management

This course provides an analysis of the principles and techniques of investing in financial assets. Topics will include: asset allocation, security selection, performance measurement, stocks, bonds, options, and futures.

*** Prerequisite: BUS 395 (or ADMN 395) ***
 * Note: Students may not receive credit for BUS 497 and ADMN 497. *

BUS 498 **3:3-0**
Capital Markets and Financial Institutions

This course examines how capital markets function and the pivotal role played by financial institutions. Particular emphasis is placed on coverage of Canadian markets and institutions, coverage of risk management, and risk-return tradeoffs available to investors.

*** Prerequisite: BUS 395 (or ADMN 395) ***
 * Note: Students may not receive credit for BUS 498 and ADMN 498. *

CA	Certificate in Administration
Centre for Continuing Education	

CA 021 **1.5:2.5-0**
Organizational Behaviour I

This course introduces current and contemporary concepts that will assist the student to understand, predict and manage the behavior of people within an organization. This course will analyze and explore the behavior of the individual inside an organization through topics such as motivation, performance, perception, attitudes, communication and decision making processes.

CA 022 **1.5:2.5-0**
Organizational Behaviour II

This course introduces current and contemporary concepts that will assist the student to understand group behavior within an organizational effectiveness. This course analyzes and explores the way individuals interact through topics such as team dynamics, power, politics, leadership and organizational structures.
 *** Prerequisite: CA 21 ***

CA 023 **1.5:2.5-0**
Principles of Economics

This course provides an introduction to the theories of micro and macroeconomics. Students will be exposed to the role of economics in individual and firm behavior as well as in the functioning of the Canadian economy.

CA 024 **1.5:2.5-0**
Financial Accounting I

This course provides an introduction to fundamental accounting theories, principles and procedures. Topics covered include the study of accounting cycle, journal, statement and balance sheet, merchandising firms, cash control, accounts receivable, inventory valuation and depreciation.

CA 025 **Financial Accounting II** **1.5:2.5-0**
This course is a continuation of CA 24 (Financial Accounting I). The course covers accounting theories, principles and procedures in the areas of partnerships, corporate organization and operations, shareholders' equity, bonds payable including amortization or premium and discount, statement of changes in financial position, and analysis and interpretation of financial statements.
*** Prerequisite: CA 024 ***

CA 027 **Introduction to Personnel Administration** **1.5:2.5-0**
The purpose of this class is to provide an overview of the basic elements, principles and approaches to Personnel Administration.

CA 028 **Methods of Personnel Administration** **1.5:2.5-0**
The course will introduce the issues, trends and methods used to manage Human Resources in contemporary organizations.
*** Prerequisite: CA 027 ***

CA 034 **Managerial Accounting I** **1.5:2.5-0**
To introduce the student to accounting for decision making. The class covers the difference between internal and external accounting, the use of internal financial information for planning and control of operations and introduces the basic managerial accounting concepts such as variable and fixed cost and product costing.

CA 035 **Managerial Accounting II** **1.5:2.5-0**
This course will continue the student's introduction to accounting for decision making. The class will cover standard costs and variance analysis, flexible budgets, pricing of products and services, relevant costs, capital budgeting.
*** Prerequisite: CA 034 ***

CA 037 **Industrial Relations** **1.5:2.5-0**
The class will create an awareness of the history, theory, models and legal framework used in Collective Bargaining as it applies in Canada and Saskatchewan.
*** Prerequisite: CA 021 and 022, or ADMN 260, and CA 027 ***

CA 041 **Interpersonal and Group Processes in Administration** **1.5:2.5-0**
This course provides the student with an opportunity to assess applicability of various management & human resource management approaches and theories. The course focuses on the examination of content and process of organization & personal management activities, examination of the student's management temperament, leadership styles, and group process skills. A number of individual & group assignments focusing on students' work places will be required.

CA 042 **The Marketing Function** **1.5:2.5-0**
The purpose of this course is to provide students with a solid understanding of theories, concepts and applications of marketing in a business environment. Upon completion, students will be familiar with strategic marketing, the marketing mix, consumer behaviour and marketing ethics.
*** Prerequisite: CA 021 and CA 022 or BUS 260 ***

CA 044 **Business Finance** **1.5:2.5-0**
The purpose of this course is to provide students with a solid understanding of theories, concepts, and applications of marketing in a business environment. Upon completion, students will be familiar with strategic marketing, the marketing mix, consumer behaviour and marketing ethics.
*** Prerequisite: CA 024 ***

CA 046 **Public Sector Management I** **1.5:2.5-0**
This introduction will provide the student with a better understanding of the study and practice of public administration in Canada. Topics will include: introduction to public administration, the policy dimension of public administration, the choice of organizational form, politics, values, and public administration.
*** Prerequisite: CA 021 and 022 or BUS 260 ***

CA 047 **Public Sector Management II** **1.5:2.5-0**
This course is a continuation of Public Sector Management I. Specific topics will include: the bureaucracy in the political system, the management of organizational resources, and the future of public administration.
*** Prerequisite: CA 046 ***

CATH	Catholic Studies
Faculty of Arts	

CATH 200 **Introduction to Catholic Studies** **3:3-3**
A comprehensive introduction to the Catholic Studies Minor Program, this course equips the students with the tools that they will need to understand the history, culture, and theology of Catholicism. Both the historical and intellectual breadth of Catholic thought and the methodologies to interpret and understand it are explored.
*** Prerequisite: Completion of 15 credit hours. ***

CATH 290 **Selected Topics in Catholic Studies** **3:3-3**
Selected topics in Catholic Studies.
*** Prerequisite: 15 credit hours or permission of Instructor ***

CATH 390 **Selected Topics in Catholic Studies** **3:3-3**
Selected topics in Catholic Studies.
*** Prerequisite: 30 credit hours or permission of Instructor ***

CDEV	Community Development
Centre for Continuing Education	

CDEV 040 **Foundations of Community Development** **1.5:2.5-0**
An introduction to some of the historical and philosophical foundations of community development in Canada. The major focus is on community development, cooperation, participation, and the definition of community.

CDEV 041 **Developing Healthy Organizations and Workplaces** **1.5:2.5-0**
This course adopts a holistic view of a healthy organization making the link to organizational goals and to the broader societal goals that are part of community development. The perspective will be that of organizations and workplaces whose goals are to enhance both public and member well-being.

CDEV 042 **Decision-Making and Democratic Processes** **1.5:2.5-0**
This course explores democratic decision-making through critical elements of theory and practice. It includes topics such as: citizen participation and community development leadership, consensus decisions, culture and decision-making, group development, influencing public policy, and planning meetings.

CDEV 043 **Social Analysis Skills** **1.5:2.5-0**
This course develops social analysis skills in a participatory and community-directed fashion. It links social analysis to community development by exploring social and economic conditions and methods of alternate development and change. The course draws on the work of popular educators working with social movements in Canada.

CDEV 044 **Community Research** **1.5:2.5-0**
This course examines research as it is conducted at a community level and/or by a community group. The philosophy of the course is based on the teachings of Paulo Freire. Students will work with a community group or organization on a specific issue for the duration of the course.

CDEV 045 **Facilitation Methods** **1.5:2.5-0**
This course provides experience in: identifying group practices that either foster or undermine the health of organizations; structuring meetings, seminars, and conferences to draw out the full potential of group members; and, analyzing successful organizations in relation to

how they set short and long-term goals, gain community support, and plan for action.

CDEV 046 1.5:2.5-0

Community Economic Development I

The focus is on concepts and perspectives. The course will look at the limits and potential of community economic development (CED); explore the interests and claims of government, business and voluntary sectors; and examine the roles and responsibilities of CED practitioners.

CDEV 047 1.5:2.5-0

Community Economic Development II

This course focuses on some of the technical knowledge required of community economic development (CED) practitioners. You will study structures in CED, and reflect on processes used to organize CED initiatives.

*** Prerequisite: CDEV 046 ***

CDEV 048 1.5:2.5-0

Community Education

This course begins with theoretical and historical perspectives, moves on to discussion of contemporary issues, initiatives and community education institutions in Saskatchewan, and explores future possibilities and directions.

CDEV 049 1.5:2.5-0

Community Health

This course explores theory, beliefs and practices, and examines community health initiatives in Saskatchewan. Students will develop the capacity to analyse situations and make constructive recommendations on how health programs can be strengthened using community development principles.

CDEV 050 1.5:2.5-0

Community Justice

A critical examination of community justice in Saskatchewan. The course integrates theory and practice in the discussion of: emergence of community justice, creating safer communities, victimization, human services, Aboriginal justice, street prostitution, community policing, violence against women, and youth and community justice.

CDEV 051 1.5:2.5-0

Basic Reality Therapy

This 25-hour intensive course teaches the basic theory and techniques of Reality Therapy. The major emphasis is on small group work, where the major activity is practicing the use of Reality Therapy through role playing.

** Permission of the head of Certificates Division or designate for CDEV students OR permission of the head of School of Human Justice or designate for HJ students is required to register. **

CDEV 052 1.5:3-3

Conflict Resolution

This course looks at the practical aspects of interest-based negotiations - conflict resolution. Using a theoretical framework for collaborative law practice, students will explore and participate in conflict theory, "rescuer's dilemma", corny negotiations, introduction to interest-based problem solving, and constructive approaches to dispute resolution and simulation exercises.

CDEV 053 1.5:1.5-0

Selected Topics in Community Development - an AA-ZZ series.

Additional courses may be included as new issues and interests in community development practice arise.

CFST	Child and Family Studies
Centre for Continuing Education	

CFST 200 3:3-0

Culture and the Acquisition of Language and Literacy

This course provides students with an understanding and analysis of how culture influences the development of language, literacy and communication skills with a particular focus on the language experiences of Aboriginal peoples in Canada.

* Note: This course is cross-listed with EINL 200. *

CFST 202 3:3-0

The Whole Child: Contextual Aspects of Child Development

The intent of the course is to study the impact that culture, family, schools, and community all have on early child development. The course will examine these multiple contexts in a transdisciplinary manner. It will also provide an integration of theoretical and practical knowledge.

CFST 204 3:3-0

Understanding Diversity

This course introduces culturally relevant and anti-bias approaches to working with young children and their families in multiple human service contexts stressing the importance of professional attention to diversity and equity issues including Aboriginal Peoples. It is appropriate for helping professionals and others interested in understanding and working in this area.

CFST 206 3:3-0

Expressive Arts and Play

This is an interdisciplinary course that introduces art, dance, drama, music, narrative, and play as expressive approaches to work in the helping professions. The emphasis in this course is on use of the expressive arts and play as means of communication for a broad cross section of the population.

* Note: This course is cross-listed with SW 427. *

CHEM	Chemistry
Faculty of Science	Department of Chemistry

CHEM 051 - 054 1:0-0

Chemistry Co-op Work Term

Four-month co-op work term #1 approved by the department and arranged by the co-op co-ordinator.

CHEM 100 3:3-0

Introductory Chemistry

An introduction to the basic principles of chemistry. This course serves as an equivalent to high school chemistry and is intended primarily for students who require it as a prerequisite for CHEM 104.

* NOTE: Persons who have completed Chemistry 30 or equivalent within the last four years, with a grade of 70% or higher, may not take this course for credit. *

CHEM 104 3:3-2

General Chemistry I

An introduction to the fundamental principles of chemistry. Topics discussed will include atomic structure, bonding, stoichiometry, enthalpy, states of matter, kinetics. Lab component: Introduction to standard chemistry laboratory techniques.

*** Prerequisite: CHEM 30 or CHEM 100 (minimum 60%). ***

* Note: It is strongly recommended that students who have not received a minimum grade of 70% in CHEM 30 within the past four years take CHEM 100 prior to registering in CHEM 104. *

CHEM 105 3:3-2

General Chemistry II

A continuation of CHEM 104. Topics discussed will include catalysis, equilibrium, acids and bases, solutions, entropy and free energy, electrochemistry, modern materials. Lab component: Basic experiments demonstrating principles of equilibrium, thermodynamics, electrochemistry, and acids and bases.

*** Prerequisite: CHEM 104 ***

CHEM 140 3:3-3

Organic Chemistry I

An introduction to organic chemistry. Organic functional groups, nomenclature, reactions and mechanisms. Lab component: Introduction to organic laboratory techniques.

*** Prerequisite: CHEM 102, 103 or 104 ***

* Note: CHEM 140 replaces CHEM 240 and students cannot receive credit for both. *

CHEM 210 3:3-3

Analytical Chemistry I

An introduction to theoretical and practical aspects of quantitative analysis. Primary analyses, error analyses, data handling; solution equilibria and acid base titrations; spectrophotometry. Lab component: An introduction to analytical laboratory techniques.

*** Prerequisite: CHEM 105 and 140 and PHYS 30 ***

CHEM 215 3:3-3
Analytical Chemistry II - Spectrochemical Analysis
 Spectroscopic methods for structural characterization of organic and inorganic compounds: symmetry, infrared spectroscopy, mass spectrometry, nuclear magnetic resonance, and ultraviolet-visible spectroscopy. This course will emphasize practical aspects of spectroscopic methods. Lab component: Experimental spectroscopic techniques, spectral interpretation, and compound characterization.
 *** Prerequisite: CHEM 102, 103 or 105 and 140 ***
 * Note: CHEM 215 replaces CHEM 310 and students cannot receive credit for both.

CHEM 230 3:3-3
Inorganic Chemistry I
 Properties of the elements; structure and bonding in inorganic molecules and materials; periodic trends. Descriptive chemistry of main group elements. Lab component: Synthesis and characterization of inorganic compounds.
 *** Prerequisite: CHEM 102, 103 or 105 ***

CHEM 241 3:3-3
Organic Chemistry II
 Organic functional groups, reactions and mechanisms. Carbonyl compounds, aromatic compounds, heterocyclic compounds. Lab component: Synthesis and characterization of organic compounds: aromatic, heterocyclic, and carbonyl compounds.
 *** Prerequisite: CHEM 102, 103 or 105 and 140 ***

CHEM 250 3:3-3
Physical Chemistry I
 Equilibrium and chemical thermodynamics, introduction to chemical kinetics. Lab component: Experiments in equilibria and thermodynamics.
 *** Prerequisite: CHEM 102, 103 or 105 and MATH 110 ***

CHEM 251 3:3-3
Physical Chemistry II
 Chemical kinetics (continued), chemical bonding and an introduction to quantum theory and spectroscopy. Lab component: Reaction kinetics in solution, atomic spectroscopy.
 *** Prerequisite: CHEM 250 and MATH 111 ***

All students beginning 300 level chemistry or biochemistry courses who have appropriate grades should obtain academic advising from the Department of Chemistry on their programs so that they are prepared for Chemistry 401/402 if they choose to take these courses.

CHEM 312 3:3-3
Analytical Chemistry III - Instrumental Analysis
 Introduction to instrumental chemical analysis techniques including: GC, HPLC, ion chromatography, flame AAS and OES, GFAAS, capillary electrophoresis, size exclusion chromatography. Lab component: Experiments in instrumental analysis.
 *** Prerequisite: CHEM 210 and 215 ***
 * Note: Students can only receive credit for one of CHEM 312 and BIOC 312. *

CHEM 330 3:3-3
Inorganic Chemistry II
 Chemistry of the transition metals. Coordination chemistry: structure and bonding, reactions, mechanisms, and spectroscopic properties. Organometallic chemistry. Lab component: Synthesis and characterization of coordination compounds.
 *** Prerequisite: CHEM 215 and 230 ***

CHEM 340 3:3-3
Organic Chemistry III
 Stereochemistry and chemical reactivity of organic compounds. Lab component: Advanced organic lab techniques.
 *** Prerequisite: CHEM 241 ***

CHEM 360 3:3-0
Quantum Chemistry
 Fundamental principals of quantum mechanics. Application of quantum mechanics to chemical and spectroscopic problems. Introduction to computational chemistry.
 *** Prerequisite: CHEM 230, MATH 111, and PHYS 119 or 112 ***
 * Note: CHEM 360 replaces CHEM 460 and students cannot receive credit for both. *

CHEM 390 3:3-3
Directed Readings - an AA-ZZ series.
 Selected topics in Chemistry as defined by the individual instructor for courses at the intermediate level.

CHEM 401 3:0-0
Honours Research
 Honours chemistry students will carry out independent research under the supervision of a faculty member. Students are required to submit a research proposal and to present a summation of their research progress.
 * Note: Students can only receive credit for one of CHEM 401 and BIOC 401. *

CHEM 402 3:0-0
Honours Thesis
 A continuation of the research project started in CHEM 401. Students will complete their research projects, submit a written research thesis and give an oral presentation and defence of the thesis.
 * Note: Students can only receive credit for one of CHEM 402 and BIOC 402. *

CHEM 411 3:3-0
Organic Chemical Analysis
 An examination of analytical techniques applicable to analysis of organic compounds. Mainly focusing on principles of mass spectroscopy detection coupled to GC and LC chromatography techniques. Interpretation of mass spectra fragmentation patterns.
 *** Prerequisite: CHEM 312 ***

CHEM 431 3:3-0
Magnetic Resonance Spectroscopy in Inorganic Chemistry
 Application of EPR and multinuclear NMR to the characterization of inorganic compounds and materials.
 *** Prerequisite: CHEM 330 ***

CHEM 433 3:3-0
Organometallic Chemistry of the Transition Metals
 Basic principles of organometallic chemistry; synthesis, structure, bonding, and reactivity of organometallic compounds of the transition metals; reaction mechanisms; catalysis and metal mediated organic synthesis.
 *** Prerequisite: CHEM 330 and 340 ***

CHEM 440 3:3-3
Stereocontrol in Organic Synthesis
 This course will emphasize the fundamentals and applications of key concepts in stereocontrolled organic reactions. Lab component: Synthesis of compounds that are either naturally occurring or structurally interesting.
 *** Prerequisite: CHEM 215 and 340 ***

CHEM 441 3:3-3
Modern Organic Synthesis
 This course will discuss the concepts and strategies in synthesis of organic molecules. Lab component: Synthesis of compounds that are either naturally occurring or structurally interesting.
 *** Prerequisite: CHEM 215 and 340 ***
 * Note: CHEM 441 replaces CHEM 442 and students cannot receive credit for both. *

CHEM 444 3:3-0
Organic Photochemistry and Photophysics
 This course will be an introduction to molecular photochemistry and photophysics of organic molecules. We will discuss basic theory behind electronically excited states, and the transitions (radiative and nonradiative) between states. We will also cover the mechanistic photochemistry of these excited states.
 *** Prerequisite: CHEM 251 and 340 ***

CHEM 461 3:3-3
Computational Chemistry
 Electronic structure of molecules, molecular orbital theory, semi-empirical methods, ab initio methods, molecular mechanisms, use of computer programs.
 *** Prerequisite: CHEM 251 and CHEM 360 ***

CHEM 490 - 495 1-3:3-0
Directed Readings - an AA-ZZ series.
 Courses designed to meet the specific needs of individual students. These courses are restricted to honours students.

CHIN	Chinese (Mandarin)
Faculty of Arts	Department of International Languages

Chinese classes, except CHIN 211 or 311, are not open to speakers of other Chinese dialects. Students who speak another Chinese dialect may register in CHIN 211 or CHIN 311 only.

CHIN 100 3:3-1

Introductory Mandarin Chinese I

This course will focus on introducing modern standard Chinese (Mandarin) language and culture, including the Chinese pronunciation system, essential vocabulary and grammar, reading and writing Chinese characters. Communicative competence and cross-cultural awareness are emphasized.

*** Prerequisite: No previous background in Mandarin Chinese or other Chinese dialect. Refer to the Department of International Languages section (How to choose a language) in the Undergraduate Calendar for details. ***

* Note: Students may not receive credit for CHIN 100 and 110. *

CHIN 101 3:3-1

Introductory Mandarin Chinese II

This course is a continuation of CHIN 100, including review of the pronunciation system, building on vocabulary, structure, grammar and more characters with further emphasis on communicative competence and cross-cultural understanding.

*** Prerequisite: CHIN 100 or Grade 12 Mandarin or permission of the Department. ***

* Note: Students may not receive credit for CHIN 101 and 110. Students with significant experience in Chinese or Mandarin may not take this course for credit. Refer to the Department of International Languages section (How to choose a language) for details. *

CHIN 102 3:3-1

Introductory Mandarin Chinese III

A continuation of CHIN 101, this course will further the development of communicative skills using more complex structures in a culturally appropriate manner. Ability to read and write Chinese characters will be further developed.

*** Prerequisite: CHIN 101 or 110 or permission of department. ***

* Note: Students may not receive credit for CHIN 102 and CHIN 210. *

CHIN 110 6:6-2

Intensive Chinese (Mandarin) for Beginners

This course combines the material of CHIN 100 and CHIN 101.

* Note: Students should have no background in a Chinese dialect. Students who speak Mandarin or another Chinese dialect must register in CHIN 211 or 311. Refer to the Department of International Languages section (How to choose a language) in the Undergraduate Calendar for details. Students may not receive credit for CHIN 100 or CHIN 101 and CHIN 110. *

CHIN 200 3:3-1

Intermediate Mandarin Chinese I

This course is designed to reinforce and further develop the material covered in introductory-level courses. Everyday speech patterns are stressed in order to strengthen communicative competence. The student is expected to read and write Chinese characters beyond sentence level to be able to work with paragraphs.

*** Prerequisite: CHIN 102 or permission of the department. ***

* Note: Students may not receive credit for CHIN 200 and CHIN 210. *

CHIN 201 3:3-1

Intermediate Mandarin Chinese II

A continuation of CHIN 200, this course will enhance the student's ability to comprehend and produce more complicated speech patterns. Students begin to be able to read modified short stories and write letters and biographic information in characters.

*** Prerequisite: CHIN 200 or 210 or permission of the department. ***

CHIN 202 3:3-1

Intermediate Mandarin Chinese III

A continuation of CHIN 201, this course further improves the student's ability to communicate orally in practical and cultural situations by increasing the knowledge of vocabulary, structure, grammar and cultural elements. Reading and writing abilities are further developed.

*** Prerequisite: CHIN 201 or permission of the department. ***

CHIN 210 6:6-2

Intensive Intermediate Mandarin Chinese

This course combines the material of CHIN 102 and CHIN 200.

*** Prerequisite: CHIN 101 or 110 or permission of the department. ***

* Note: Students who speak Mandarin or another Chinese dialect must register in CHIN 211 or 311. Students may not receive credit for CHIN 102 or CHIN 200, and CHIN 210. *

CHIN 211 9:9-3

Intensive Mandarin for Speakers of Non-Mandarin (Putonghua) Chinese Dialects

This course is designed for speakers of Chinese dialects other than Mandarin (Putonghua) who lack oral competence in Mandarin. It includes the sound system of Mandarin tones, and Pinyin; simplified characters, word processing and emailing in Mandarin; and, analysis of literary texts. It also introduces the socio-political culture of China.

*** Prerequisite: Restricted to speakers of non-Mandarin (Putonghua) Chinese dialects. ***

** Permission of the Department is required to register. **

CHIN 290 1:3:3-3

Tutorials and Directed Readings in Mandarin Chinese - an AA-ZZ series.

These courses are designed to increase students' skills in reading, writing, comprehension and communication.

** Permission of the Department Head may be required to register in some offerings. **

CHIN 300 3:3-1

Advanced Mandarin Chinese I

This course involves the comprehension of more complex topics that are closer to normal native speed and require extended vocabulary and knowledge of structure, grammar and culture. It develops reading ability in specialized areas.

*** Prerequisite: CHIN 202 or permission of the department. ***

CHIN 301 3:3-1

Advanced Mandarin Chinese II

This course will strengthen students overall language and cultural proficiency. Students will have opportunities to speak with native Mandarin speakers. Authentic materials such as newspapers, magazines, news broadcastings, movies, TV shows and Chinese computer software will be used to improve communicative competence.

*** Prerequisite: CHIN 300 or permission of the department. ***

CHIN 311 9:9-3

Intensive Advanced Mandarin for Speakers of Non-Mandarin (Putonghua) Chinese Dialects

This course is a continuation of CHIN 211. It focuses on the achievement of native-like pronunciation, and the ability to read complex materials and write simplified characters. Students will also develop the ability to converse on a variety of topics while coping with cultural complications.

*** Prerequisite: CHIN 211 or permission from the department. ***

** This course is restricted to speakers of non-Mandarin (Putonghua) Chinese dialects. Permission of the Department is required to register. **

CHIN 390 3:3-3

Tutorials and Directed Readings in Mandarin Chinese - an AA-ZZ series.

These courses are designed to increase student's skills in reading, writing, comprehension and communication.

** Permission of the Department may be required to register in some offerings. **

CHIN 490 3:3-3

Advanced Tutorials and Directed Readings - an AA-ZZ series.

** Permission of the Department Head may be required to register in some offerings. **

CLAS	Classical Studies
Faculty of Arts	Department of Philosophy and Classics

CLAS 100 3:3-3

An Introduction to the Civilizations of Greece and Rome

Topics include: Minans and Mycenaeans; development of democracy in Greece; Persian wars; Peloponnesian war; daily life in Greece and

Rome; Roman Republic and Empire. Other topics will be selected from: pagans and Christians; Greek and Latin literature and philosophy: women in the ancient world; sport, art and architecture.

CLAS 110 3:3-0

Greek and Latin Elements in English

The contribution of the classical languages to modern English, including the vocabulary of the sciences. The course is intended for students in any discipline as a practical means of enhancing English vocabulary.

CLAS 150 3:3-0

Latin Language I

Introduction to the Latin language.

CLAS 151 3:3-0

Latin Language II

A continuation of CLAS 150.

*** Prerequisite: CLAS 150, with a minimum grade of 60%, or permission of instructor. ***

CLAS 160 3:3-0

Greek Language I

An introduction to the language, literature, and civilization of ancient Greece.

CLAS 161 3:3-0

Greek Language II

A continuation of CLAS 160.

*** Prerequisite: CLAS 160, with a minimum grade of 60%, or permission of instructor. ***

CLAS 200 3:3-0

Greek Mythology

Cosmic and divine myth; saga, folktale; study of recurrent motifs; the relationship of the myths to history, archaeology, and art; myth as a medium for the expression of beliefs about religion and human values.

*** Prerequisite: ENGL 100, or permission of instructor ***

CLAS 210 3:3-0

Greek and Roman Epic

A study of the works of Homer, Vergil and Ovid, in English translation, with particular emphasis on their mythological content.

*** Prerequisite: ENGL 100 and 110, or permission of Department Head ***

CLAS 211 3:3-0

Greek Drama

A study of selected Greek plays in English translation, with particular emphasis on their treatment of myth.

*** Prerequisite: CLAS 200, or permission of Department Head ***

* Note: This course is cross-listed with THEA 350. Students may not receive credit for both CLAS 211 and THEA 350. *

CLAS 220 3:3-3

Women in Greece and Rome

A survey of the different lives, roles and representations of women in Greece and Rome within the context of changing historical circumstances. The course examines the subject through such categories as myth, class and sexuality and draws on evidence from a wide range of cultural production.

*** Prerequisite: Completion of 15 credit hours ***

CLAS 250 3:3-0

Latin Language and Literature I

Completion of foundation in the Latin language. Readings from Latin literature.

*** Prerequisite: CLAS 151 ***

CLAS 251 3:3-0

Latin Language and Literature II

Completion of basic grammar and syntax. Selected readings. ***

Prerequisite: CLAS 250 ***

CLAS 260 3:3-0

Greek Language and Literature I

Continuation of the Greek language. Selected readings from the New Testament.

*** Prerequisite: CLAS 161 ***

CLAS 261 3:3-3

Greek Language and Literature II

Continuation of classical Greek.

*** Prerequisite: CLAS 161 ***

CLAS 290 3:3-3

Selected Topics in Classical Studies

A critical examination of some selected topics in Classical Studies.

*** Prerequisite: CLAS 100, or completion of 15 credit hours, or permission of instructor ***

CLAS 390 3:3-3

Advanced Studies in Classical Studies

A critical examination of some selected topics in Classical Studies.

*** Prerequisite: Four 200-level courses in classical studies, or permission of Department Head or instructor. ***

CREE	Cree
Faculty of Arts	Department of Indian Languages, Literatures and Linguistics – First Nations University of Canada

CREE 100 3:3-1

Elementary Cree I

Introduction to Cree: basic oral expression, grammar, and practice with electronic learning materials. No prior knowledge of Cree is assumed.

* NOTE: Students with standing in CREE 100 will not receive credit for CREE 104. *

CREE 101 3:3-1

Elementary Cree II

A continuation of CREE 100. Further grammar and oral practice in Cree. This course completes preparation for CREE 202.

*** Prerequisite: CREE 100 ***

CREE 104 3:3-0

Cree Grammar and Orthography I

This course is designed for students who seek grammatical and literary knowledge of Cree. Emphasis is on writing in the standard Roman orthography and on grammatical structures.

* Note: Students with standing in CREE 100 will not receive credit for CREE 104. *

CREE 105 3:3-0

Cree Grammar and Orthography II

A continuation of CREE 104. Further writing practice, grammar, and an introduction to short compositions.

*** Prerequisite: CREE 104 ***

* Note: Students with standing in CREE 101 will not receive credit for CREE 105. *

CREE 111 3:0-3

Review of Introductory Cree

A review of basic Cree oral expression and grammar for students with standing in high school Cree or equivalent Cree language experience.

*** Prerequisite: Grade 12 Core Cree or a placement test. ***

CREE 150 6:9-3

Cree Immersion I

This course will focus on listening and speaking skills by integrating linguistic functions with cultural knowledge. Students will acquire the level of competence needed to be functional within a relatively narrow range of familiar topic areas.

* Note: Students may receive credit for either CREE 150 or CREE 100 and/or CREE 101. *

CREE 202 3:3-0

Intermediate Cree I

This course is a continuation and integration of the Cree oracy and literacy skills introduced at the 100-level. Intermediate grammatical structures are introduced through oral practice and the study of oral and written literature.

*** Prerequisite: CREE 101 or CREE 105 ***

CREE 203 3:3-3

Intermediate Cree II

A continuation of CREE 202. Further oral and written practice in Cree. This course completes preparation for all senior CREE courses.

*** Prerequisite: CREE 202 ***

CREE 205 Expository Writing in Cree Study and analysis of non-fiction literature in Cree, such as biography, history, politics, news stories, narratives, and technical writing; practice in writing and revision. *** Prerequisite: CREE 103 or 105 ***	3:3-0	CREE 315 Interpretation II: English-Cree A continuation of CREE 215, with further practical exercises in interpretation, primarily from English to Cree. *** Prerequisite: CREE 215. Fluency in Cree is recommended. ***	3:3-3
CREE 206 Cree Linguistics Linguistic concepts for the scientific analysis of Cree, with comparison to the closely related Algonquian language Saukteaux. Application to language teaching. *** Prerequisite: CREE 101 or CREE 105 or permission of the Department Head ***	3:3-0	CREE 325 Translation I: Cree-English A comparison of Cree and English stylistics with practical exercises in written translation, primarily from Cree to English. *** Prerequisite: CREE 225 ***	3:3-3
CREE 209 Creative Writing in Cree Standard Roman orthography will be used by students to compose original writing in Cree. Students will critique each other's work as well as published examples. *** Prerequisite: CREE 202 ***	3:3-3	CREE 330 Cree Syllabics Introduction to the Cree syllabics writing system. Reading and writing in syllabics. *** Prerequisite: CREE 203 or permission of the Department Head ***	3:3-0
CREE 215 Interpretation I: Cree-English An introductory comparison of Cree and English stylistics with practical exercises in interpretation, primarily from Cree to English. *** Prerequisite: CREE 203. Fluency in Cree is recommended. ***	3:3-3	CREE 340 Oral Tradition of Cree Stories and legends on audio and video cassettes will be analyzed and transcribed by students. Storytelling sessions by students and elders. Visiting lecturers will also be included in the course. *** Prerequisite: CREE 203 or permission of the Department Head ***	3:3-0
CREE 225 Cree Transcription This course will reinforce the standard roman orthography for Cree and present ample opportunity to increase one's ability at transcribing spoken Cree from both oral and audio-taped sources. *** Prerequisite: CREE 203 ***	3:0-3	CREE 404 Cree Public Speaking II A continuation of CREE 303, this course provides an opportunity for advanced listening and oral practice through group work, role play, debate and public address in Cree. *** Prerequisite: CREE 303 ***	3:3-3
CREE 250 Cree Immersion II This course will bring participants to an intermediate level of proficiency. It will be complemented by examination and usage of grammatical structures, cultural elements, and the study of oral and written literature. *** Prerequisites: CREE 150 or CREE 100 and CREE 101. *** * Note: This course can be counted as an elective but cannot be used toward the main requirements of degree programs. * * Note: This course will also be available as a non-credit option for those outside the university community. *	6:9-3	CREE 405 Creative Writing in Cree Students will continue to practice writing techniques, compose original material in Cree, and critique published materials as well as each other's work. *** Prerequisite: CREE 305. ***	3:3-3
CREE 303 Cree Public Speaking I This course provides an opportunity for further listening and oral practice through group work, role play, debate and public address in Cree. *** Prerequisite: CREE 203 ***	3:3-3	CREE 412 Cree Semantics The study of meaning as applied to the Cree language. The investigation of meaning at the level of the morpheme, word, phrase and sentence. The exploration of Cree semantic components, domains and roles. Meaning variation, context and pragmatics. *** Prerequisite: CREE 311 or permission of the Department Head. ***	3:3-3
CREE 305 Expository Writing in Cree Study and analysis of non-fiction literature in Cree, such as biography, history, politics, news stories, narratives, and technical writing; practice in writing and revision. *** Prerequisite: CREE 203 ***	3:3-0	CREE 413 Cree Syntax The study of grammatical morphology and word order in Cree with reference to contemporary syntactic theory. The structure of Cree phrases, clauses and sentences. *** Prerequisite: CREE 311 or permission of the Department Head. ***	3:3-3
CREE 310 Cree Phonology The study of the sound system and phonological processes of Cree and its dialects with reference to contemporary phonological theory. Application to Cree writing systems. *** Prerequisite: CREE 206 or permission of the Department Head ***	3:3-0	CREE 425 Translation II: English-Cree A comparison of Cree and English stylistics with practical exercises in written translation, primarily from Cree to English. *** Prerequisite: CREE 325 ***	3:3-3
CREE 311 Cree Morphology The study of the internal structure of Cree words. Morphological processes of Cree will be examined with reference to contemporary linguistic theory. *** Prerequisite: CREE 206 or permission of the Department Head ***	3:3-0	CREE 480 Cree Language Field Methods Advanced survey of field method techniques, including the conducting of interviews, the gathering of linguistic material, and the recording, transcription, and translation of Cree texts. *** Prerequisite: CREE 340 and at least two other CREE courses at the 300-level or higher and permission of the Department Head ***	3:3-0
CREE 313 Cree Syntax The study of grammatical morphology and word order in Cree with reference to contemporary syntactic theory. The structure of Cree phrases, clauses and sentences. *** Prerequisite: CREE 206 or permission of the Department Head ***	3:3-3	CREE 490 Directed Research in Cree - an AA-ZZ series. Courses designed as required for senior undergraduates. *** Prerequisite: Three 300-level Cree courses *** ** Permission of the Department Head is required to register. **	1-3:3-0

CS	Computer Science
Faculty of Science	Department of Computer Science

CS 051 - 055 **0:0-0**

Computer Science Co-op Work Term

Four-month co-op work term approved by the department and arranged by the co-op co-ordinator.

CS 100 **3:3-1**

Introduction to Computers

Introduction to the development of computers and computer applications. Topics will include: impact of computers on society, computer organization and operation, construction and representation of algorithms, and applications of computers in the problem-solving process.

* Note: This class may not be taken for credit if credit has been received for any course numbered above CS 100. *

CS 110 **3:3-2**

Programming and Problem Solving For Natural Sciences

An introduction to problem-solving techniques, the fundamental concepts of programming, and the software design process. Topics will include: data types, control structures, scope rules, functions, files, and the mechanics of running, testing and debugging. Problems will be drawn from various science disciplines.

*** Prerequisite: Mathematics B30 and C30 ***

* Note: CS majors who have mastered the course material in CS 110 through other means are eligible to write the CS 110 bypass exam. *

CS 115 **3:3-2**

Object-Oriented Design

This course focuses on the concepts of object-oriented programming. Topics will include: data abstraction, composition and inheritance, dynamic binding, polymorphism and dynamic memory management. Other topics include: fundamental data structures, searching and sorting algorithms, language translation, and software engineering issues.

*** Prerequisite: MATH 105 or 110 (may be taken concurrently) plus CS 110 with a minimum grade of 65%. ***

CS 201 **3:3-2**

Introduction to Digital Systems

History of digital systems architecture, logic expressions and minimization, sequential and combinational circuits, register transfer notation. Numerical data representation, number bases, floating-point and two's-complement representation, and representation of non-numeric data, records and arrays. Von Neumann architecture, control units, instruction sets, assembly language programming, addressing modes, subroutine calls, I/O and interrupts.

*** Prerequisite: CS 110 ***

* Note: Students will only receive credit for one of CS 201 and CS 250. *

CS 210 **3:3-2**

Data Structures and Abstractions

This course introduces data abstraction, data structures, the basics of algorithmic analysis, and the fundamental computing algorithms. Topics will include: unsorted lists, stacks, queues, recursion, asymptotic notation, computational complexity, and hashing, sorting, and searching algorithms.

*** Prerequisite: CS 115 and MATH 105 or 110 ***

CS 215 **3:3-2**

Web Oriented Programming

This course shows how interactive client/server web applications are designed and implemented. Appropriate languages for web computing will be discussed. Human-computer interfaces, data models, and database connectivity will be explored in the context of web computing.

*** Prerequisite: CS 210 ***

CS 250 **3:3-2**

Elements of Computer Hardware and Software

This course is an introduction to computer architecture. Topics will include: the investigation of an actual computing system - peripherals, CPU configuration and device interfaces, assembly language programming, interrupt I/O and A/D, and D/A device programming.

*** Prerequisite: CS 110 ***

* Note: Students will receive credit for only one of CS 201 and CS 250. *

CS 261 **3:3-0**

Methods in Numerical Analysis

Topics will include: number systems and errors, solutions of polynomial and other nonlinear equations, interpolation, numerical differentiation and integration, and the cubic spline.

*** Prerequisite: CS 110 or 115, MATH 111 and 122 ***

* Note: Students will receive credit for only one of CS 261, CS 345 or MATH 261. *

CS 270 **3:3-0**

Management Information Systems

Types, sources and uses of data in organizations. The steps required and the types of equipment available to store and recover data. Analysis of the steps required in the development of a data processing system. Feasibility studies and system analysis techniques. Introduction to data base systems. Management of data processing systems.

*** Prerequisite: CS 100 or 110, and ENGL 100 ***

CS 271 **3:3-1**

Programming for Business Applications

An introduction to the basic elements of file processing and structured COBOL programming. Modular design of programs and documentation techniques are presented. The student will become familiar with the syntax and logical structure of COBOL by applying it to a sequence of increasingly complex business applications programs.

*** Prerequisite: CS 110 and 270 ***

CS 280 **3:3-0**

Social and Professional Aspects of Computer Science

The history of computing and the social context of computing. Topics will include: methods and tools of analysis, professional and ethical responsibilities, risks and liabilities of computer-based systems, intellectual property, privacy and civil liberties, computer crime, and economic issues in computing.

*** Prerequisite: ENGL 100 and CS 110 ***

CS 290 - 295 **1-3:3-0**

Selected Topics - an AA-ZZ series.

Selected topics courses are used to offer courses in topical material. No more than a total of 6 credit hours of CS 290-295 may be credited towards a major in Computer Science.

CS 301 **0:3:3-2**

Digital Systems Architecture

Local storage systems, data compression, latency and bandwidth, cache memory, virtual memory, fault handling. Fundamentals of I/O, handshaking, buffering, interrupts, external storage, buses, networks, multimedia support. Datapath implementations, control units, pipelining. Multiprocessor and parallel architectures, SIMD/MIMD, VLIW, EPIC, shared memory systems, interconnection networks, cache coherence, memory consistency.

*** Prerequisite: CS 201 ***

CS 305 **3:3-2**

Human Computer Communications

This course stresses the importance of good interfaces and the relationship of user interface design to human-computer interaction. Other topics include: interface quality and methods of evaluation, interface design examples, dimensions of interface variability, dialogue genre, dialogue tools and techniques, user-centered design and task analysis, prototyping and the iterative design cycle, user interface implementation, prototyping tools and environments, I/O devices, basic computer graphics, and color and sound.

*** Prerequisite: CS 215 ***

CS 310 **3:3-0**

Discrete Computational Structures

Finite and discrete algebraic structures relating to computers; sets, functions, relations. Machine-oriented logic. Combinatorial problems and algorithms. Finite automata and formal language theory.

*** Prerequisite: MATH 110 or 105, 122, 221, and CS 210 ***

* Note: It is recommended that students take STAT 160 or STAT 200 in addition to the prerequisite before attempting CS 310. *

CS 320 **3:3-0**

Introduction to Artificial Intelligence

Foundations, history, and main methods of Artificial Intelligence. Intelligent search and optimization techniques with a special focus on greedy, randomized, and evolutionary algorithms. Neural networks as an example of data-based learning approach. Comparison of

classical, fuzzy, and probabilistic reasoning and knowledge representation methodologies.
 *** Prerequisite: CS 210, STAT 160 or 200, and MATH 221 ***

CS 325 3:3-2
Introduction to Multimedia Systems
 Multimedia is the use of computers to integrate texts, graphics, video, animation, and sound in an interactive experience. The course introduces these elements of multimedia and their associated technologies. Students will gain an appreciation of each element and be able to combine them into a finished work.
 *** Prerequisite: CS 215 ***
 * Note: Students may not receive credit for more than one of CS 390AI, CS 490BM, and FILM 385AB. *

CS 327 3:3-3
Introduction to Computer Audio
 The purpose of this course is to provide a broad overview of many areas of computer audio, including: Digital representation and compression; MP3s and music downloading; Psychoacoustics; Surround Sound; Speech recognition and Music Information Retrieval; MIDI and New interfaces for music; and video game sound. We will also explore modular interactive software environments such as Max/MSP and PD.
 *** Prerequisite: Completion of 60 credit hours and permission of the instructor are required to register. ***

CS 330 3:3-2
Introduction to Operating Systems
 Overview of operating systems: history, functionality, and design issues. Operating system principles: structures, abstractions, and APIs. Concurrency: process state, context switches, mutual exclusion, semaphores, and deadlock. Scheduling: preemption, schedulers, processes, and threads. Memory management: swapping, paging, segmentation, placement, and replacement policies. File systems. User interface. Distributed algorithms: consensus, termination, and fault tolerance.
 *** Prerequisite: CS 210 ***

CS 335 3:3-0
Computer Networks
 Introduction to net-centric computing: network architectures, and protocols. Communications: transmission fundamentals. Network standards and layers. Network security: cryptography, public and private key encryption, authentication protocols, digital signatures. Transformation facilities: compression, decompression. Error handling. Wide area networks.
 *** Prerequisite: CS 210, MATH 221, and STAT 160 or 200 ***

CS 340 3:3-0
Advanced Data Structures and Algorithm Design
 Design, implementation, and manipulation of complex abstract data types, including trees and graphs. Fundamental algorithms: sorting, searching, depth- and breadth-first traversals, string manipulation, pattern matching, and graph algorithms. Algorithmic strategies: brute-force, greedy, divide-and-conquer, backtracking, branch-and-bound, dynamic programming, randomized, and parallel. Introduction to algorithm analysis and complexity theory.
 *** Prerequisite: CS 210 and MATH 221 ***

CS 345 3:3-0
Numerical Engineering Problem Solving in C
 Advanced "C" language programming techniques applied to electronic engineering problems using techniques in numerical analysis. Errors, systems of linear equations, solutions of polynomials and other nonlinear equations.
 *** Prerequisite: CS 201 or 250 ***
 * Note: Students will receive credit for only one of CS 261, CS 345 and MATH 261. *

CS 350 3:3-0
Programming Language Concepts
 Programming language genealogy and design. Imperative, functional, logic, object-oriented, and 4GL language paradigms. Data/control structures, exception handling, I/O, program verification, data abstraction, information hiding, concurrency, and non-determinism. Metalanguages, parsing, and pattern matching.
 *** Prerequisite: CS 210 and MATH 221 ***

CS 361 3:3-0
Numerical and Symbolic Computing
 Least squares and other approximations. Difference equations. Solutions of algebraic systems. Symbol manipulators - Mathematica.

*** Prerequisite: CS 261 with a final mark of 60% or higher ***

CS 372 3:3-0
Software Engineering Methodology
 Fundamental principles of designing programs and developing large software systems that meet specifications and are safe, secure, reliable and dependable. Strategies and techniques of structured systems design and development. Prototyping. 4GL. Metrics. Project scheduling. Quality control.
 *** Prerequisite: CS 215 ***

CS 373 3:3-0
Software Specification and Design
 Advanced software modeling and specification techniques. Design concepts and principles: Software design for reuse using patterns. Surveys of architectural styles, software frameworks and component architectures. Case studies of design projects will be used as vehicles of training.
 *** Prerequisite: CS 372 with a minimum grade of 65% ***

CS 375 3:3-0
Database and Information Retrieval
 History and motivation for database systems. Components of database systems and their functions. Data modeling to achieve good database design. Relational databases and database query languages. Transaction processing. Other topics include distributed databases, physical database design, and information retrieval systems.
 *** Prerequisite: CS 215 ***

CS 390 - 395 1:3:3-0
Selected Topics - an AA-ZZ series.
 Selected topics courses are used to offer courses in topical material. No more than 6 credit hours of CS 390-395 may be credited towards a major in Computer Science.

Students must pass CS 115, 210, and 215 before taking any 400-level Computer Science courses.

CS 401 3:3-0
Advanced Digital Systems Architecture
 Advances in computer architecture. Topics will be selected from performance enhancements, digital signal processing architectures, architectures for networks and distributed systems, architectures for mobile devices, and recently proposed architectures.
 *** Prerequisite: CS 301 ***

CS 405 3:3-1
Computer Graphics
 Discussion of the means in which the computer can be used to visually enhance understanding of different kinds of information. Issues include: representation of objects, methods for viewing, and the use of graphics tools to understand complex numerical data.
 *** Prerequisite: CS 340 and MATH 122 ***

CS 408 3:3-3
Animation Software Design
 Principles of animation. Features and architecture of animation software. Graphics file formats. Timelines, motion pathways, parametric keyframing, and kinematics. Digital special effects. Requirements and applications.
 *** Prerequisite: CS 405 or any two of CS 320, 330, 335, 340 and 350 ***

CS 409 3:3-3
Interactive Entertainment Software
 This course teaches the design and implementation of interactive entertainment software, including computer games. Topics include interactivity, principles of interactive entertainment, hardware platforms, current software development tools and languages, game loop, real-time requirements, design of virtual worlds and characters, incorporation of multimedia resources, evaluation, and aesthetics.
 *** Prerequisite: CS 405 and any two of CS 320, 330, 335, 340 and 350 ***

CS 410 3:3-0
Introduction to Compiler Design
 High-level programming language specification. Lexical and syntactic structure, regular expression, finite automata, and lexical analyzer. Context-free grammars and parsing. LR parsers. Symbol tables. Storage allocation. Code optimization and generation.
 *** Prerequisite: CS 310 and 340 ***

CS 411 **3:3-0**
Computability and Formal Languages
 The notion of effective procedure and Turing machine. The universal Turing machine. Nondeterministic Turing machine. Recursive functions and other computable functions. The halting problem and unsolvability. Grammar and formal language. Finite automata and regular grammars. Context-free grammars and push-down automata. Post correspondence problem. The Chomsky hierarchy of languages and context-sensitive language.
 *** Prerequisite: CS 310 ***

CS 412 **3:3-0**
Algorithm Analysis
 A formal algorithmic language. Measures of complexity for time and space. Worst-case, average-case, and best-case analysis. Lower and upper bounds of algorithms (techniques include comparison trees, adversary arguments, and reduction). P and NP classes. NP-hardness and NP-completeness. Introduction to parallel computational models and algorithms.
 *** Prerequisite: CS 310 and 340 ***

CS 421 **3:3-0**
Advanced Artificial Intelligence
 Advanced Artificial Intelligence approaches to approximate reasoning and machine learning. Decision trees and other selected data-based knowledge models. Topics may include logic programming and PROLOG, LISP, Artificial Intelligence in games, data mining, natural language processing, pattern recognition, and planning.
 *** Prerequisite: CS 310, 320, and 340 ***

CS 425 **3:3-2**
Image Processing
 Introduction to image processing systems. Image transformation. Image enhancement. Image coding and compression. Feature extraction and image segmentation.
 *** Prerequisite: CS 340, MATH 111 and 122 ***

CS 430 **3:3-0**
Advanced Topics in Operating Systems
 Advanced operating system concepts. Topics include one or more of the following: distributed systems, real-time operating systems, intelligent networks, communications protocols, and database process control within a client-server framework.
 *** Prerequisite: CS 330 ***

CS 435 **3:3-3**
Cryptography and Network Security
 Classical cryptosystems, data encryption standards, advanced encryption algorithms, public key cryptosystems, digital signatures, IP security, and web security.
 *** Prerequisite: CS 335 ***

CS 461 **3:3-0**
Advanced Topics in Numerical Analysis
 Numerical solutions of ordinary differential equations. Numerical solutions of partial differential equations. Linear and non-linear problems.
 *** Prerequisite: CS 361 (with a final mark of 60% or higher) or equivalent ***

CS 473 **3:3-0**
Management Support Systems
 Strategic and tactical rewards resulting from the effective use of corporate information systems will be presented. Topics include techniques and tools for developing management support systems. Case studies on development and use of the systems will be discussed.
 *** Prerequisite: CS 372 ***

CS 474 **3:3-0**
Advanced Topics in Software Engineering
 This course covers one advanced topic in software engineering, including: software maintenance and evolution, software validation and verification, software process, software management, formal methods.
 *** Prerequisite: CS 373 with a minimum grade of 65% ***

CS 475 **3:3-0**
Advanced Topics in Database Systems
 Advances in database systems. An in-depth study of relational query languages, including the algebraic, logic, and logic programming paradigms. Inclusion dependency and semantic data models. Other

topics may include Datalog, complex values, object-oriented databases, probabilistic databases, and Web databases.
 *** Prerequisite: CS 375 ***

CS 476 **3:3-0**
Software Development Project
 Design and implementation of large projects using techniques and methodologies covered in CS 372 and CS 373. Project planning and scheduling. Development team on a semester-long project (for real customers when it is possible).
 *** Prerequisite: CS 373 with a minimum grade of 65% ***

CS 490 - 495 **3:3-0**
Selected Topics/Directed Readings - an AA-ZZ series.
 A special topics course in which the student completes an independent study in computer science under the supervision of a faculty member in the department.
 ** The student and the supervisor must present a detailed outline of the proposed study to the head of the department for approval prior to registration. **

CS 497 **3:0-3**
Digital Media Project
 To be taken in the final semester of the Digital Content Development program. An individual digital content development project will be completed under the direction of a faculty member.
 ***Written approval of Department Head (or designate) is required to register. **

CS 498 **0:0-0**
Honours Oral
 All honours computer science students are required to register for this course in the semester in which they plan to do their oral examination. The course will be graded C (credit) or N (no credit).

CS 499 **0:1-0**
Honours Seminar
 This course is to be taken by all honours computer science students in both semesters of their fourth year. The student is required to attend all seminars and, in addition, to present a topic that will be determined in consultation with a faculty member in Computer Science.

DAK	Dakota
Faculty of Arts	Department of Indian Languages, Literature and Linguistics – First Nations University of Canada

DAK 100 **3:3-0**
Conversational Dakota I
 Introduction to the Dakota language, with emphasis on oral expression, basic grammar, and writing in Roman orthography.

DAK 101 **3:3-0**
Conversational Dakota II
 A continuation of DAK 100. Further grammar and conversational practice for Dakota.
 *** Prerequisite: DAK 100 ***

DAK 104 **3:3-0**
Dakota Grammar and Orthography I
 This course is designed for students who speak some Dakota. Emphasis is on Roman orthography and basic grammar, with some attention to dialect variation.
 ** Permission of the Department Head is required to register. **

DAK 105 **3:3-0**
Dakota Grammar and Orthography II
 A continuation of DAK 104. Further study of the grammar and orthography. An introduction to short composition.
 *** Prerequisite: DAK 104 ***

DART	Didactique art visuel
Faculty of Education	Bac

DART 315 3:3-0
Didactique des arts à l'élémentaire
 Introduction à la didactique de l'éducation artistique au niveau élémentaire. Ce cours vise à intégrer les 5 disciplines (arts visuels, danse, expression dramatique, musique, et littérature) du programme du tronc commun de la Saskatchewan.
 *** Préalable : Être en troisième année du Bac élémentaire, acceptée au BEAD élémentaire ou avec la permission du Bac. ***

DART 498 1-3:0-0
DART Independent Study II

DART 499 1-3:0-0
DART Independent Study I

DEJE	Didactique éducation jeunes enfants
Faculty of Education	Bac

DEJE 325 3:3-0
Éducation des jeunes enfants
 Principes du développement et de l'apprentissage des jeunes enfants. Applications à un environnement scolaire centré sur l'apprenant dans les écoles francophones et les programmes d'immersion.
 *** Préalable: Au moins un cours en prime enfance. ***

DEJE 498 1-3:0-0
DEJE Independent Study II

DEJE 499 1-3:0-0
DEJE Independent Study I

DELF	Développement et enrichissement langagiers en français
Faculty of Education	Bac

DELF 150 3:3-0
Développement et enrichissement langagiers en français I
 Acquisition d'une méthode personnelle d'expression écrite et orale par la pratique et l'approfondissement des notions langagières acquises tant dans les autres cours qu'enseignées en classe.
 *** Préalable : Être admis.e au programme de première année du Bac ou avec la permission du Bac. ***

DELF 151 3:3-0
Développement et enrichissement langagiers en français II
 Continuation de l'acquisition d'une méthode personnelle d'expression écrite et orale par la pratique et l'approfondissement des notions langagières acquises tant dans les autres cours qu'enseignées en classe.
 *** Préalable: DELF 150 ou avec la permission du Bac. ***

DELF 498 1-3:0-3
DELF Independent Study I

DELF 499 1-3:0-3
DELF Independent Study II

DENE	Dene (Chipewyan)
Faculty of Arts	Department of Indian Languages, Literatures and Linguistics – First Nations University of Canada

DENE 100 3:3-0
Conversational Dene I
 Introduction to the Dene language, with emphasis on oral expression and on writing in standard Roman orthography. Basic grammar and vocabulary. No prior knowledge of Dene is assumed.

DENE 101 3:3-0
Conversational Dene II
 A continuation of DENE 100. Further grammar and conversation practice for Dene.
 *** Prerequisite: DENE 100 ***

DENE 104 3:3-0
Dene Grammar and Orthography I
 This course is designed for students who speak some Dene. Emphasis is on standard Roman orthography and basic grammar, with some attention to dialect variation.
 ** Permission of the Department Head is required to register. **

DENE 105 3:3-0
Dene Grammar and Orthography II
 A continuation of DENE 104. Further study of grammar and orthography. An introduction to short composition.
 *** Prerequisite: DENE 104 ***

DEPH	Didactique éducation physique
Faculty of Education	Bac

DEPH 315 3:3-0
La didactique de l'éducation physique à l'élémentaire
 Ce cours vise à familiariser l'étudiant.e aux méthodes, contenu et ressources se rapportant à l'enseignement de l'éducation physique au niveau élémentaire.
 *** Préalable: Être en troisième année du Bac élémentaire, accepté.e au BEAD élémentaire ou avec la permission du Bac. ***

DEPH 498 1-3:0-0
DEPH Independent Study II

DEPH 499 1-3:0-0
DEPH Independent Study I

DESO	Didactique études sociales
Faculty of Education	Bac

DESO 315 3:3-0
La didactique des sciences humaines à l'élémentaire
 Le cours vise à approfondir la nature, les buts et les tendances qui caractérisent l'enseignement des sciences humaines à l'élémentaire. Une analyse des programmes d'étude sera complétée par le développement de la planification d'unité et l'étude de ressources.
 *** Préalable : Être en troisième année du Bac élémentaire, accepté.e au BEAD élémentaire ou avec permission du Bac. ***

DESO 498 1-3:0-0
DESO Independent Study II

DESO 499 1-3:0-0
DESO Independent Study I

DEVS	Development Studies
Faculty of Arts	International Studies Program

DEVS 400 3:3-3
Transdisciplinary Dialogues on Development
 An interdisciplinary seminar where students and professors both present and discuss research on Development Studies and relevant emergent topics from the literature and research methods.
 ** Permission of the Coordinator of International Studies is required to register. **

DEVS 401 **3:3-3**
Honours Paper in Development Studies I
 Work towards an Honours Paper under the supervision of a faculty member. Students must submit a proposal at the end of the semester.
 ** Permission of the Coordinator of the International Studies Program is required to register. **

DEVS 402 **3:3-3**
Honours Paper in Development Studies II
 Completion of an Honours Paper under the supervision of a faculty member. Students must submit an extensive research paper based on their proposal in DEVS 401.
 *** Prerequisite: DEVS 401 with a minimum grade of 75% ***

DFMM	Didactique du français en milieux minoritaires
Faculty of Education	Bac

DFMM 350 **3:3-0**
Lecture et écriture dans les matières
 Ce cours explore les théories et les stratégies propres à la lecture et à l'écriture dans les matières à contenu au secondaire en situations linguistiques minoritaires. Il développe l'aptitude à la préparation d'activités d'apprentissage dans ces matières et permet de comprendre le rôle essentiel joué par la langue.
 *** Préalable : Être en troisième année du Bac secondaire, accepté.e au BEAD secondaire ou avec la permission du Bac. ***

DFMM 400 **3:3-0**
Fondements historiques et approches contemporaines de l'immersion française au Canada
 Ce cours vise à préparer l'étudiant.e à enseigner dans une école d'immersion française. Il/elle étudiera les fondements historiques, la philosophie, la méthodologie et les attentes de l'immersion française au Canada.
 *** Préalable : Avoir complété son internat ou avec la permission du Bac. ***

DFMM 435 **3:3-0**
La méthodologie de l'enseignement dans une école fransaskoise ou française
 Ce cours vise à préparer l'étudiante à enseigner dans une école fransaskoise. Il étudie la philosophie, les objectifs et les attentes de cette école.
 *** Préalable: Avoir complété son internat ou avec la permission du Bac. ***

DFMM 498 **1-3:0-3**
DFMM Independent Study I

DFMM 499 **1-3:0-3**
DFMM Independent Study II

DFRN	Didactique français
Faculty of Education	Bac

DFRN 350 **3:3-0**
Enseignement pour développer la compétence
 Ce cours se fonde sur la compétence langagière comme principe organisateur du cours de langue seconde. Il prépare les futur.e.s enseignant.e.s du secondaire à enseigner et à évaluer la compétence.
 *** Préalable: Avoir terminé la deuxième année du BEd niveau secondaire ou équivalent. ***

DFRN 351 **3:3-0**
Principes de l'apprentissage et de l'enseignement de la langue seconde
 Ce cours étudie les principes et théories de l'apprentissage et de l'enseignement d'une langue seconde. Il prépare l'étudiant.e à établir des liens entre recherche, théorie et pratique pédagogique en français de base au niveau secondaire.
 *** Préalable: Avoir terminé la deuxième année du BEd niveau secondaire ou équivalent. ***

DFRN 498 **1-3:0-0**
DFRN Independent Study II

DFRN 499 **1-3:0-0**
DFRN Independent Study I

DLC	Développement linguistique culturel
Faculty of Education	Bac

DLC 498 **1-3:0-0**
DLC Independent Study II

DLC 499 **1-3:0-0**
DLC Independent Study I

DLEC	Didactique lecture
Faculty of Education	Bac

DLEC 498 **1-3:0-0**
DLEC Independent Study II

DLEC 499 **1-3:0-0**
DLEC Independent Study II

DLNG	Didactique langue
Faculty of Education	Bac

DLNG 300 **3:3-0**
Didactique en langue et littérature
 Les étudiant.es se familiariseront avec les techniques d'enseignement de la langue et de la littérature françaises en milieu francophone et immersion. Il y aura des applications pratiques.
 *** Préalable: Être admis.e à l'année du préinternat. ***

DLNG 315 **3:3-0**
Didactique de la langue à l'élémentaire I
 Ce cours explore les théories et les stratégies propres à la lecture et à l'écriture à l'élémentaire en situations linguistiques minoritaires. Il développe l'aptitude à la préparation d'activités langagières pour les enfants et permet de mieux comprendre le rôle de la lecture et de l'écriture dans l'apprentissage. ***Préalable: Être en troisième année du Bac élémentaire, accepté.e au BEAD élémentaire ou avec la permission du Bac.***

DLNG 351 **3:3-0**
Enseignement de l'écriture et de la grammaire au secondaire
 Ce cours aborde la théorie et la pratique de l'enseignement de l'écriture et de la grammaire par le biais de l'atelier d'écriture au secondaire tant en situation d'immersion qu'en milieu francophone. Le portfolio d'écriture est étudié en tant que stratégie d'évaluation.
 *** Préalable: DLNG 300 ***

DLNG 425 **3:3-0**
Didactique de la langue à l'élémentaire II
 Ce cours post-internat poursuit le travail entrepris dans le cours DLNG 315. Il permet d'explorer plus à fond les théories courantes dans le domaine de la lecture, la littérature jeunesse, l'apprentissage à base de ressources, l'atelier d'écriture et les documents de soutien publiés par le Ministère de l'apprentissage.
 *** Préalable : DLNG 315 et avoir complété son internat ou avec la permission du Bac. ***

DLNG 498 **1-3:0-0**
DLNG Independent Study II

DLNG 499 **1-3:0-0**
DLNG Independent Study I

DMTH	Didactique mathématique
Faculty of Education	Bac

DMTH 315 **3:3-0**
L'enseignement des mathématiques à l'élémentaire
 Les nouvelles orientations en mathématiques sont analysées par rapport aux buts et aux principes d'apprentissage de cette discipline. Étude des concepts enseignés au niveau élémentaire et préparation du matériel didactique.
 *** Préalable : Être en troisième année du Bac élémentaire, accepté.e au BEAD élémentaire ou avec la permission du Bac. ***

DMTH 498 1-3:0-0
DMTH Independent Study II

DMTH 499 1-3:0-0
DMTH Independent Study I

DMXE	Didactique du mieux-être
Faculty of Education	Bac

DMXE 315 3:3-0
Didactique du mieux-être
 Ce cours porte sur l'enseignement du mieux-être au niveau élémentaire. Ce cours traite généralement de la situation courante ainsi que des perspectives d'avenir reliées à l'adoption de comportements bénéfiques pour la santé, l'affirmation de soi, l'alphabétisme médiatique, la résolution de conflit et la prise de décision.
 Préalable: Être en troisième année du Bac élémentaire, accepté.e au BEAD élémentaire ou avec la permission du Bac.

DMXE 498 1-3:0-3
DMXE Independent Study I

DMXE 499 1-3:0-3
DMXE Independent Study II

DSCI	Didactique science
Faculty of Education	Bac

DSCI 315 3:3-3
L'enseignement des sciences à l'élémentaire
 sciences au niveau élémentaire. Les caractéristiques des méthodes d'enseignement en sciences, emphase sur les activités.
 *** Préalable : Être en troisième année du Bac élémentaire ou accepté.e au BEAD élémentaire ou avec la permission du Bac. ***

DSCI 498 1-3:0-0
DSCI Independent Study II

DSCI 499 1-3:0-0
DSCI Independent Study I

EADM	Educational Administration
Faculty of Education	

EADM 310 3:3-0
Educational Administration: Structure & Process - Administration éducationnelle: Structure/processus
 This course will consist of a study of administration in public education with reference to constitutional, governmental, legal, administrator-teacher, and teacher-student components in the total education structure or system.
 Administration éducationnelle: Structure et processus:
 Ce cours comprend l'étude de l'administration de l'éducation publique par rapport à des considérations constitutionnelles, légales et économiques ainsi que les rapports étudiant.es/enseignant.es à l'intérieur de la structure du système scolaire.

EADM 498 1-3:0-0
EADM Independent Study II

EADM 499 1-3:0-0
EADM Independent Study I

EAES	Aesthetic Education
Faculty of Education	

EAES 201 3:3-0
Introduction to Aesthetic Education K-12
 This is an introductory course in aesthetic education designed specifically for students preparing to teach in K-12 Arts Education Program.
 *** Prerequisite: Semester 1 courses, Arts Education Program. ***

* Note: Normally offered in winter only. *

EAES 203 0:0-1
Arts Education Seminar I
 An integrative seminar for arts education students.
 * Note: Credit/no credit grade. *

EAES 204 0:0-1
Arts Education Seminar II
 An integrative seminar for arts education students.
 *** Prerequisite: EAES 203 ***
 * Note: Credit/no credit grade. *

EAES 215 3:3-0
Introduction to Arts Education
 Introduction to the five disciplines of art, dance, drama, music, and literature as required areas of study in the elementary classroom as reflected in aspects of the provincial curriculum.

EAES 308 3:3-0
Aesthetic Theory and Instructional Planning: Arts Education in Current Curricula
 This course is designed specifically for students preparing to teach in K-12 Arts Education Program. It will introduce aesthetic theory within the context of current curriculum practice.
 *** Prerequisite: EAES 201 ***

EAES 310 3:3-0
Introduction to Arts Education (Pre-K to Grade 5)
 Introduction to dance, drama, literature, music and visual art as required areas of study in the Pre-K to Grade 5 classroom, as reflected in the provincial curriculum. Students will examine the integration of arts education disciplines as one approach to teaching for possibility, for transformation, and for a better world. ***
 Prerequisite: Acceptance into pre-internship. ***

EAES 317 3:3-0
Introduction to Arts Education (Middle Years)
 Introduction to dance, drama, literature, music and visual art as required areas of study in the middle years classroom, as reflected in the provincial curriculum. Students will examine the integration of arts education disciplines as one approach to teaching for possibility, for transformation, and for a better world. *** Prerequisite: For elementary (middle years concentration) pre-internship students only. ***

EAES 410 3:3-0
Curriculum Development and Implementation in Aesthetic Education
 The course will focus on curriculum development and implementation procedures in both school and community arts education programs.
 *** Prerequisite: EAES 201 or EAES 308 or EFLD 402 ***
 * Note: All Arts Education students pursuing a first degree must successfully complete EFLD 402 (Internship) prior to registering in EAES 410. All Arts Education students pursuing the After Degree program (BEAD) must complete EAES 410 prior to registering in EFLD 402. *

EAES 411 3:3-0
Issues in Arts Education
 This course will focus on current issues in arts education. Students will read widely and formulate positions as they write articles for publication in arts education journals.
 *** Prerequisite: EFLD 402 ***
 * Note: All Arts Education students pursuing a first degree must successfully complete EFLD 402 (Internship) prior to registering in EAES 411. *

EAES 498 1-3:0-0
EAES Independent Study II

EAES 499 1-3:0-0
EAES Independent Study I

EAHR (formerly EVHR)	Adult Education and Human Resources
Faculty of Education	

EAHR 200 3:3-3

Introduction to Adult Development

An introduction to training and adult education including theories of adult learning and development, functions of training and education, and an analysis of the processes and structures relevant to lifelong learning opportunities.

EAHR 201 3:3-0

Introduction to Training and Development

An introduction to the field of training and adult education with an examination of major traditions and expectations which influence their development as distinct branches of education.

EAHR 210 3:3-0

Program Design

An introduction to program design for training and adult education environments, curriculum orientations, design processes and development.

EAHR 211 3:3-3

Instructional Technology: Introduction

An introduction to the planning and implementation of instructional technology in training and adult education environments. Primary focus is given to the development of instructional strategies and techniques appropriate to training organizations. This course includes opportunities for developing, applying, assessing, and refining instructional design.

EAHR 212 3:3-3

Evaluation

An introduction to evaluation and assessment in training organizations and adult education environments. The focus of this course is toward an analysis and construction of learner assessment instruments, course and program evaluation tools, and follow-up documentation.

* Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *

EAHR 213 3:3-0

Introduction to Educational Leadership for Training and Development

This course will serve as an introduction to the theory and practice of educational and administrative leadership. The course will focus on theories of leadership and their application in education and training communities of practice.

* Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *

EAHR 350 3:3-3

Theory and Practice in Adult Instruction

Examines qualities, roles, characteristics, styles, techniques, skills, philosophies, and methods of effective adult instructors. Theories of adult instruction and learning, the instructional design process, the characteristics of effective adult learning environments and principles of adult facilitation will be explored, including the use of interactive information technology in adult instruction.

EAHR 410 3:3-0

Program Planning and Evaluations

A study of planning and evaluation models relevant to adult education. Includes labour market analysis, needs assessment, program design, and program evaluation.

EAHR 411 3:3-0

Instructional Technology: Advanced

An examination and application of multimedia technology in the training and education environments. Current theory will be linked to practice in exploring the uses of multimedia hardware and software across post-secondary, business, and industry sectors.

EAHR 413 3:3-0

Educational and Administrative Leadership in Training and Development

This course will study educational and administrative leadership in the field of human resource development and adult education. The

course will focus on models of organization and the administrative and leadership practices that support them.

EAHR 415 3:3-0

Work Based Education

An exploration of work-based education and training programs with a focus on theories and practices. The Saskatchewan Training Strategy will serve as the basis of course discussion, reflection, and exploration.

EAHR 440 3:3-0

Critical Adult Education and Training

Relationships between dialectics, critical theory, and critical social science are examined as a basis for a critical adult development curriculum. Various critical approaches to training and development are considered.

EAHR 442 3:3-0

Trends and Issues in Training and Development

An exploration of contemporary trends and issues shaping the fields of training and development and adult education environments. Among others, topics include workplace, societal, economic, political and global trends, the change role of trainers and educators as consultants and career counsellors, and gender, cultural and ethnic diversity and equity.

EAHR 498 1-3:3-0

EAHR Independent Study 2

Course reserved for independent study or special project.

EAHR 499 1-3:3-0

EAHR Independent Study 1

Course reserved for independent study or special project in the student's field of special interest in education.

EBUS	Business Education
Faculty of Education	

EBUS 250 3:3-1

Orientation to Business and Vocational Education: I

Overview of contexts, content, and teaching methods in selected areas of communications and information processing, with emphasis on current business and office processes.

*** Prerequisite: At least 6 credit hours in acceptable administration or business education courses, or permission of the instructor. ***

EBUS 251 3:3-3

Orientation to Business and Vocational Education: II

Overview of contexts, content, and teaching methods in basic business, economics, marketing, law, management, and entrepreneurship.

*** Prerequisite: At least 6 credit hours in acceptable administration or business education courses, or permission of the instructor. ***

EBUS 270 3:3-2

Fundamentals of Teaching Keyboarding

Principles, processes, methods, and materials for teaching and evaluating keyboarding skills and applications.

*** Prerequisite: Adequate keyboarding competence as assessed by the subject area, or permission of the instructor. ***

*** Corequisite: EPS 200 ***

EBUS 285 3:3-0

Methods of Teaching Accounting

Methodologies, evaluation processes and materials for teaching accounting, including use of computers in accounting courses.

*** Prerequisite: BUS 285 or equivalent, or permission of the instructor. ***

*** Corequisite: EPS 200 ***

EBUS 300 3:3-0

Curriculum Content in Business Education

The study of elements of curriculum design and conceptual frameworks for business education curricula. Analysis of business education curricula in several educational jurisdictions and development of original business education curricula.

*** Prerequisite: Minimum of 21 credit hours in business education and business administration, or approval of the subject area. ***

EBUS 310 **3:3-0**
Information Processing in Business Education
 An overview of modern information processing concepts, skills and office systems. Includes hands-on applications of selected computer hardware and software as well as strategies for teaching and learning information processing.
 *** Prerequisite: Touch keyboarding competence, EBUS 270, and CS 100, or permission of the instructor. ***

EBUS 311 **3:3-0**
Economic, Consumer, and Entrepreneurship Education
 Approaches, methods, and resources for teaching the economic system, with particular attention to the points of view of consumer and entrepreneur.
 *** Prerequisite: ECON 100, third-year standing in the Faculty of Education, or permission of the instructor. ***

EBUS 350 **3:3-0**
Instruction and Evaluation in Information Processing Components of Business Education
 An integrated study of instruction and evaluation theories and practices applicable to information processing aspects of business education.
 *** Prerequisite: EBUS 300 ***

EBUS 351 **3:3-0**
Instruction and Evaluation in Basic Business Education
 Planning and implementing instruction and evaluation of secondary school basic business education subjects such as economics, law, consumer education, general business, and entrepreneurship.
 *** Prerequisite: EBUS 300 and 350 ***

EBUS 498 **1-3:0-0**
EBUS Independent Study II

EBUS 499 **1-3:0-0**
EBUS Independent Study I

ECCU	Cross-Cultural Education
Faculty of Education	SUNTEP and First Nations University of Canada

ECCU 200 **3:3-0**
Introduction to Cross-Cultural Education
 An examination of concepts common to cross-cultural education and cross-cultural interaction. Implications for schooling, cultural and economic factors, and current issues and trends in the education of racial and cultural minorities.
 *** Prerequisite: EPS 100 ***

ECCU 300 **3:3-1**
Cross Cultural Teaching Strategies
 An examination of teaching strategies, methods, and planning procedures, which can facilitate learning and recognize cultural diversity in cross-cultural settings.
 *** Prerequisite: ECCU 200 ***

ECCU 400 **3:3-0**
Treaties in the Classroom
 This course will provide a historical basis, a connection to Saskatchewan curriculum, and a practical approach to the study and teaching of the Treaties between the First Nations people and the Crown in what is now Saskatchewan.
 *** Prerequisite: ECCU 300 ***

ECCU 498 **1-3:0-0**
ECCU Independent Study II

ECCU 499 **1-3:0-0**
ECCU Independent I

ECE	Early Childhood Education
Faculty of Education	

ECE 200 **3:1.5-1.5**
Teaching and Learning in Pre-K to 5
 This course will explore children's development within and across the complexities of social and cultural life through ideas related to experiential learning in the early years of schooling and some of the historical/theoretical discourses that have (in)formed practice and schooling.
 *** Prerequisite: Acceptance into the Elementary Program. ***

ECE 205 **3:3-0**
Orientation to Teaching Children in the Early School Years (K-5)
 Foundations of experiential learning programs in kindergarten and the early school years; understanding children within social and cultural contexts; and, dimensions and elements of good quality programs for young children.
 *** Prerequisite: CFST 202 or EPS 100. Selection into the Elementary Education Program and students in the Level II Certificate in Child and Family Studies. ***
 * Note: Normally offered in fall only. *

ECE 325 **3:3-0**
Experiential Learning for Young Children
 Planning, organizing, and evaluating learner-centered curriculum and environments for young children. Multiple modes of learning and forms of representing learning. Applying principles of developmentally and culturally appropriate practice to classroom environments.
 *** Prerequisite: ECE 205 ***
 * Note: Normally offered in winter only. *

ECE 400 **3:3-0**
Contemporary Perspectives and Challenges in Early Childhood Education
 An exploration of current theories and practices in Early Childhood Education through critical examination of the beliefs, values and assumptions behind notions of best practice, developmentally appropriate practice and other discourses that influence ECE. Students will draw upon their own internship experiences to critically (in)form their reflective explorations. *** Prerequisite: Successful completion of EFLD 409 or 411. ***

ECE 425 **3:3-0**
Contemporary Perspectives in Early Childhood Education
 An examination of current perspectives and challenges in early childhood education. Participants will investigate program assumptions and beliefs and develop practical action plans which support positive teaching/learning environments for young children.
 *** Prerequisite: Pre-internship ***

ECE 435 **3:3-0**
Curricular Implications of Play
 Play and its contribution to development and learning; practical application of play theory in experiential learning situations.
 *** Prerequisite: ECE 205 ***

ECE 445 **3:3-3**
Introduction to Preschool Settings
 This course considers the child, the adult, the preschool environment, and the broader socio-cultural contexts of preschool programs. There will be an emphasis on knowledge and experience of the complex interactions of the components which comprise developmentally appropriate preschool settings.
 *** Prerequisite: ECE 205 ***

ECE 498 **1-3:0-0**
ECE Independent Study II

ECE 499 **1-3:0-0**
ECE Independent Study I

ECMP	Computer Education
Faculty of Education	

ECMP 355 **3:3-1**
Introduction to Computers in the Classroom
 Introduction in the use of computer technology as a medium of instruction and learning in K-12 classrooms.
 *** Corequisite: EPS 100 ***
 * Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *

ECMP 455 **3:3-1**
Computers in the Classroom: Advanced Level
 This course is designed for senior undergraduate students who are familiar with the basics of computer-related technology skills and its pedagogical importance in education. Timetabled with EC&I 831.
 *** Prerequisite: ECMP 355 ***

ECMP 498 **1-3:0-0**
ECMP Independent Study II

ECMP 499 **1-3:0-0**
ECMP Independent Study I

ECON	Economics
Faculty of Arts	Department of Economics

ECON 100 **3:3-0**
Introduction to Economic Issues
 Basic economic concepts are used to explore current economic issues such as unemployment, inflation, trade disputes, the crisis in agriculture, pollution reduction, and health care.
 * Note: Students who have received credit for both ECON 201 and 202, or any ECON course numbered 300 or higher may not take ECON 100. *

ECON 201 **3:3-0**
Introductory Microeconomics
 Theory of how individual consumers and firms behave in a market economy. Emphasis is on evaluating how well markets deliver efficient and fair outcomes.
 *** Prerequisite: 15 credit hours or ECON 100 or MATH B30 (or equivalent) ***

ECON 202 **3:3-0**
Introductory Macroeconomics
 Basic economic concepts are used to explain how economies operate at a national or regional level, with a focus on production, income, interest rates, prices, inflation, and unemployment. Principles are introduced for understanding and evaluating the methods by which governments can smooth fluctuations in overall economic activity.
 *** Prerequisite: 15 credit hours or ECON 100 or MATH B30 (or equivalent) ***

ECON 211 **3:3-0**
Development Economics
 Problems and challenges facing developing countries in their attempts to improve living standards.
 *** Prerequisite: 15 credit hours or ECON 100 ***

ECON 224 **3:3-3**
Empirical Economics
 This is a project based course in which students will collect and analyze economic data using spreadsheets and basic statistical techniques.
 *** Prerequisite: 15 credit hours or ECON 100 ***

ECON 231 **3:3-3**
Money, Banks & Financial Institutions
 How did money evolve and who controls its supply? How do banks work and what is the role of the central bank? How do stock and bond markets work and what purpose do they serve?
 *** Prerequisite: 15 credit hours or ECON 100 ***
 * Note: Formerly numbered ECON 296AA. Students may not receive credit for both ECON 231 and ECON 296AA. *

ECON 232 **3:3-0**
Government and the Economy
 Considers rationales for government intervention in the economy. Assesses the impact of government activity on the economy and on the economic welfare of the population. Includes a comprehensive survey of Canadian tax and spending programs and policies.
 *** Prerequisite: 15 credit hours or ECON 100 ***
 * Note: Students may not receive credit for both ECON 232 and BUS/ADMN 340. *

ECON 233 **3:3-3**
Issues in Canadian Agriculture
 Applies economic theory to current problems facing Canadian and world agriculture. Supply and demand conditions in world markets. Causes and effects of government support programs. Impact of WTO agreements.
 *** Prerequisite: 15 credit hours or ECON 100 ***

* Note: Formerly numbered ECON 296AB. Students may not receive credit for both ECON 233 and ECON 296AB. *

ECON 234 **3:3-3**
Monetary Financial Crisis
 Causes and effects of famous financial panics and crashes throughout history, such as the stock market crash of 1929 and the Great Depression, and the dot.com bubble of the 1990s.
 *** Prerequisite: 15 credit hours or ECON 100 ***

ECON 235 **3:3-0**
International Economic Institutions
 Examines the structure and purpose of major organizations like the International Monetary Fund, the World Bank, and the World Trade Organization, and evaluates their impact on financial crises, economic development, and international trade patterns. *** Prerequisite: 15 credit hours or ECON 100 ***

ECON 237 **3:3-3**
Economics of Canadian Regionalism
 Examines the disparities in economic development among the various regions of Canada and analyzes how governments have tried to balance regional and national interests in designing, delivering and financing public programs.
 *** Prerequisite: 15 credit hours or ECON 100 ***

ECON 238 **3:3-3**
Economics of Sports
 Are professional athletes paid too much? Should governments pay for stadiums? Can small-market franchises survive?
 *** Prerequisite: 15 credit hours or ECON 100 ***
 * Note: Formerly numbered ECON 296AC. Students may not receive credit for both ECON 238 and ECON 296AC. *

ECON 253 **3:3-3**
Health Care in Canada
 Surveys the Canadian health care system from an economic perspective. Discusses common misconceptions about health care. Examines the economic costs and socio-economic benefits of health care in this country, and compares the health care system here with those prevailing in other countries.
 *** Prerequisite: 15 credit hours or ECON 100 ***

ECON 273 **3:3-3**
Environmental Economics
 Why are fish stocks disappearing? What are the economic causes of pollution? Will the Kyoto Protocol harm the Canadian economy?
 *** Prerequisite: 15 credit hours or ECON 100 ***

ECON 277 **3:3-3**
Post-Socialist Economies in Transition
 What happened to Soviet-bloc economies after the USSR fell? Discover the exciting field of post-socialist transition economics. Each country had its own approach: black markets, entrepreneurship, privatization, corruption, full-fledged markets. Learn how wealth and social progress may yet be created from the rubble.
 *** Prerequisite: 15 credit hours or ECON 100 ***
 * Note: Formerly numbered ECON 296AF. Students may not receive credit for both ECON 277 and ECON 296AF. *

ECON 280 **3:3-3**
Writing for Economists
 Students will work, individually and collaboratively, in classroom and library, on a range of writing assignments built around current economic policy issues. The goal is to help students, improve their research and writing skills.
 *** Prerequisite: Three ECON courses ***
 * Note: Registration is restricted to ECON majors only. *
 * Note: This course was formerly numbered ECON 380. Students may receive credit for only one of ECON 280 or 380. *

ECON 281 **3:3-3**
Wages & Employment in Canada
 How are wages determined? What are the causes of unemployment? What policies are best suited for dealing with industrial injuries, part-time work, employee health, and retirement?
 *** Prerequisite: 15 credit hours or ECON 100 ***
 * Note: Formerly numbered ECON 381. Students may not receive credit for both ECON 281 and ECON 381. *

ECON 296 Selected Topics I - an AA-ZZ series. Current-interest topics and occasional offerings, designed for students with little or no background in economics. *** Prerequisite: 15 credit hours or ECON 100 ***	1-3:3-3	ECON 342 Global Financial Markets A survey of international monetary and financial institutions and arrangements. Topics include foreign-exchange markets, international banking, hedge funds, currency speculation, alternative exchange-rate regimes, and regulation of global financial markets. *** Prerequisite: ECON 202 *** * Note: Formerly numbered ECON 441. Students may not receive credit for both ECON 342 and ECON 441. *	3:3-3
ECON 301 Intermediate Microeconomics I Presents a more advanced theory of the behaviour of households and firms in competitive and non-competitive markets. Applications include household allocation of time (labour supply), consumption choice over time (savings and borrowing) and alternative models of the behaviour of firms. *** Prerequisite: ECON 201 ***	3:3-0	ECON 351 Cost Benefit Analysis Introduces techniques for estimating in dollar terms the costs and benefits of real-world projects and policies. *** Prerequisite: 45 credit hours or three ECON courses ***	3:3-0
ECON 302 Intermediate Macroeconomics Advanced economic concepts are used to explain how economies work at a national or regional level, with a focus on booms, recessions, government spending, taxation, and monetary policy. *** Prerequisite: ECON 202 ***	3:3-3	ECON 353 Health Economics Examines the Canadian health care system from an economic perspective. Uses models of patient, physician and institutional behaviour to analyze the factors governing health and the demand for health care, and to evaluate competing proposals for health care reform. *** Prerequisite: ECON 201 or ECON 253 ***	3:3-0
ECON 307 Intermediate Microeconomics II A continuation of ECON 301. Topics include: special market structures, labour and capital markets, market failure (public goods and externalities), producer and consumer choice over time and under uncertainty, introductory general equilibrium and welfare theory and applications. *** Prerequisite: ECON 301 and MATH 103 or equivalent, or permission of Department Head ***	3:3-3	ECON 354 Economics of Cities Applies economic analysis to important questions regarding urban areas: why do they exist? what determines their location? what is their role in the Canadian economy? Other issues considered are: zoning policies, local government spending and taxation, urban economic development policy, and urban transportation policy. *** Prerequisite: ECON 201 ***	3:3-0
ECON 308 Economic Growth This course surveys theories and models of economic growth, along with growth and development experiences of various countries. *** Prerequisite: ECON 202 or ECON 211 ***	3:3-3	ECON 360 Economics of War Examines the economic problems caused by major wars (and the attempted solutions): budget deficits (taxation, borrowing, money creation); production bottlenecks (guaranteed profits, patriotic campaigns, labour conscriptions, centralized planning, black markets); trade deficits (exchange controls, central bank cooperation); inflation (wage and price controls); post-war reconstruction (foreign aid); and reparations (hyperinflation). *** Prerequisite: 45 credit hours or three ECON courses ***	3:3-3
ECON 311 Economics of Developing Countries Comparative case studies of attempts by Third World countries to improve their living standards. Introduction to theories of how economies develop. *** Prerequisite: ECON 202 or ECON 211 ***	3:3-0	ECON 361 Economics of Public Enterprise & Regulation A study of public policy toward big business: advantages and disadvantages of crown corporations, causes and effects of government intervention in private economic activities, regulation of the pricing and investment activities of firms. *** Prerequisite: 45 credit hours or three ECON courses ***	3:3-0
ECON 321 Econometrics This course covers estimation and hypothesis testing in the simple and multiple regression model, consequences and remedies of estimation under non-classical conditions. Students will use econometric software in a laboratory setting. *** Prerequisite: STAT 160 or 200 or equivalent ***	3:3-1	ECON 362 Economics of Collective Behaviour Examines the cases in which people choose to achieve their economic goals collectively rather than individually, through institutions such as social partnerships (e.g. marriage, clubs), corporations, and governments. Particular attention will be given to the circumstances that lead people to opt for a collective solution (e.g. market failure). *** Prerequisite: 45 credit hours or three ECON courses ***	3:3-3
ECON 322 Mathematical Economics This course develops mathematical techniques used to conduct economic analysis, including differentiation, logarithmic and exponential functions, maximization and minimization. *** Prerequisite: ECON 201 & one of MATH 103, 105 or 110 ***	3:3-3	ECON 363 Population Economics Examines the impact of changing population age structures on economic performance and public well-being. *** Prerequisite: 45 credit hours or three ECON courses ***	3:3-3
ECON 331 Monetary Theory and Domestic Financial Markets Examines theories of money, financial markets, and institutions in a Canadian context. *** Prerequisite: 45 credit hours or three ECON courses ***	3:3-0	ECON 372 Natural Resource Management on the Prairies Problems in the prairie oil/gas, timber, uranium, potash, power generation and water management sectors; preservation of prairie ecosystems; application of theory to determine how best to deal with these problems. *** Prerequisite: ECON 201 ***	3:3-0
ECON 332 Issues in Government Economics A continuation of ECON 232. Topics may include: rationale and financing options for the Canada Pension Plan; inter-provincial transfers (fiscal federalism); tax treatment of retirement savings and families; financing public education and health care; influence of the electoral process on government policies. *** Prerequisite: ECON 232 or BUS/ADMN 340 ***	3:3-0	ECON 396 Selected Topics II - an AA-ZZ series. Current interest and occasional offerings, designed for upper-year students. *** Prerequisite: 45 credit hours or three ECON courses ***	1-3:3-3
ECON 341 Canada and the Global Economy Uses theories of international trade to examine Canadian trade patterns, the impact of trade and trade agreements on the domestic economy, the effects of protectionism, and the role of finance. *** Prerequisite: ECON 201 ***	3:3-3		

ECON 401 3:3-3
Advanced Microeconomic Theory
 Selected advanced topics in microeconomic theory. Topics may include general equilibrium theory, game theory, welfare economics, economics of information.
 *** Prerequisite: ECON 307 and ECON 322 or equivalent ***

ECON 402 3:3-0
Advanced Macroeconomic Theory
 Selected advanced topics in macroeconomic theory. Topics may include growth theory and policy, business cycle theory, stabilization policy, consumption and investment behaviour, monetary policy, and fiscal sustainability.
 *** Prerequisite: ECON 308 and, ECON 322 or equivalent ***
ECON 480 3:3-3
Capstone Seminar in Economics
 Students will research an economic issue of personal interest under the supervision of a faculty member, present their work in class, and produce a term paper.
 *** Prerequisite: ECON 224, ECON 280, and one of ECON 311, ECON 354, ECON 360, ECON 361, ECON 362, ECON 363, or permission of Department Head ***

ECON 496 1:3-3:3
Selected Topics III - an AA-ZZ series.
 Current interest and occasional offerings, intended primarily for honours students.
 *** Prerequisite: ECON 301 or ECON 302 ***

ECON 499 3:3-3
Honours Project
 Continuation of ECON 480. Students will expand their ECON 480 paper under the direction of a faculty member, and present the final project at a Departmental seminar.
 *** Prerequisite: Grade of at least 75% in ECON 480. ***
 * Note: ECON Honours students only. *

ECS	Education Core Studies
Faculty of Education	

ECS 100 3:1.5-4.5
Knowledge, Schooling and Society
 This course introduces students to historical and foundational questions: what counts as knowledge and how has knowledge been "produced" and reproduced through schooling and its administration in the past and the present. Students will explore these questions in various ways, including observations in contemporary schools and communities. This course begins the complex process of constructing teacher knowledge.

ECS 110 3:3-0
Self and Other
 This course contributes to students' understanding of their emerging teacher-identities, including the following topics: cultural and psychological discourses producing the roles of teacher; constructs of self and other in relation to difference; and agency in the development of teacher identity. The implications of anti-oppressive and other orientations to families, communities and schooling are explored.

ECS 200 3:3-4.5
Constructions of the Student, the Learner and the School
 The child, adolescent, adult, student, learner and school are all social constructions: beliefs about people and public institutions which have varied through history, and which are still influenced by a range of theories and perspectives. This course critically examines those constructions over time.
 * Note: Normally taken after ECS 100 and ECS 110. *

ECS 210 3:3-0
Curriculum as Cultural and Social Practice
 This course will engage students in understanding education and curriculum as cultural and social practice. The course will explore the intersections of socioeconomic, political, cultural, geographical, religious, gender and sexual orientation differences with educational and curricular practices as prescribed, negotiated and lived. It will also examine how different teacher, administrator and learner identities are shaped by these practices.

ECS 300 3:3-6
Pedagogy: Theory and Practices I (Secondary Program)
 In the context provided by other ECS courses the prospective teacher addresses the issues surrounding planning, delivery and assessment of teaching and learning experiences in the high school. Using learning theories, the Professional Development Process and a field experience students will create a professional development plan focused on their evolution into competent, and socially aware beginning teachers.

ECS 301 3:3-0
Pedagogy, Theory and Practices - Pre-K to Grade 9 (Elementary and Middle Years)
 In this course pre-service teachers discuss, plan and implement a variety of learning experiences for students. They investigate the complexities of teaching, learning and assessment from different perspectives; deconstruct normalcy and diversity; examine SchoolPLUS and the legal and institutional aspects of education; and use instructional technologies.
 *** Prerequisite: Acceptance into the Elementary Program pre-internship. ***

ECS 302 3:3-8
Pedagogy, Theory and Practices I (Arts Education Program)
 This course allows pre-service K - 12 Arts Education Program teachers to discuss, plan, implement and reflect on a variety of learning experiences for students. Using various critical lenses, students will examine the complexities of teaching, learning, and assessment, as well as the implications of communities and contexts that are essential components for the school. This course integrates an elementary field placement in schools.
 *** Prerequisite: ECS 100 and completion of all 101 and 202 classes in the Arts Education Program. ***

ECS 310 3:3-0
Interprofessional Experiences in Teaching (Secondary Program)
 This course introduces students to their role in making professional choices about teaching and learning in holistic and integrative ways. Students will continue to critique practices, policies and institutions related to schooling, continue to develop their understanding of the role of law and ethics in education and identify conceptual models and practice skills related to interprofessional collaboration.
 *** Prerequisite: ECS 300 ***

ECS 311 3:3-0
Pedagogy, Theory and Practices II (Elementary - Pre-K to Grade 9)
 A continuation of ECS 301 which introduces students to education for social and ecological justice. Students will continue to critique existing assumptions and practices in schooling that contribute to the marginalization of some, and work with units of study and assessment methods that are more equitable for all students.
 *** Prerequisite: ECS 301 and one of EFLD 310 or EFLD 317 ***

ECS 312 3:3-8
Pedagogy, Theory and Practices II (Arts Education Program)
 This course is a continuation of ECS 302 and allows pre-service K-12 Arts Education Program teachers to discuss, plan, implement and reflect on a variety of learning experiences for students. Using various critical lenses, students will examine the complexities of teaching, learning, and assessment, as well as the implications of communities and contexts that are essential components for the school. This course integrates a secondary field placement.
 *** Prerequisite: ECS 100, 302 and completion of all 101 and 202 classes in the Arts Education Program. ***

ECS 350 3:3-6.5
Pedagogy: Theory and Practices II (Secondary Program)
 This course continues the work begun in ECS 300. Prospective teachers will confront more complicated and complex issues as they plan, deliver and assess sophisticated instructional strategies in high school classrooms. This course will invoke all they have learned in prior ECS and subject area courses as part of their personal development into competent and socially aware beginning teachers.
 *** Prerequisite: ECS 300 ***

ECS 410 3:3-0
Assessment and Evaluation
 Assessment and Evaluation are terms that embody a constructed set of beliefs, values and practices, often taken for granted in education. This course takes a critical look at the construction and practice of assessment and evaluation in the context of teaching and learning

and helps prepare pre-service teachers to practice fair and equitable assessment and evaluation.

*** Prerequisite: ECS 300 and 310; or ECS 301 and 311 ***

ECS 498 1-3:0-3

ECS Independent Study I

Course reserved for independent study or special project.

ECS 499 1-3:0-3

ECS Independent Study II

Course reserved for independent study or special project in the student's field of special interest in education.

ECSF	Education Core Studies (Cours commun en éducation - français)
Faculty of Education	Bac

ECSF 100 3:3-3

L'école et la société : connaissances et savoirs

Ce cours propose des questions liées aux « connaissances » et « savoirs » associés à l'éducation en situations linguistiques minoritaires. Les étudiant.es auront à contempler la production du pouvoir et du savoir en milieux éducatifs contemporains. Ce cours sert d'amorce au développement des subjectivités professionnelles et linguistiques.

***Préalable : Être admis.e au programme de première année du Bac ou avec la permission du Bac. ***

* Les étudiant.es doivent remplir le formulaire d'entente de la Commission des accidents de travail. *

ECSF 110 3:3-0

Le je et l'autre en éducation

Ce cours contribue à la construction identitaire des enseignant.es en formation (situations linguistiques minoritaires) en abordant des sujets tels que la négociation des identités, les discours de cultures, de différence et de l'éducation anti-oppressive. Le cours porte un regard particulier sur des enjeux sociolinguistiques contemporains de la dualité linguistique canadienne.

*** Préalable : ECSF 100 ou avec la permission du Bac. ***

ECSF 317 3:3-0

Constructions de la personne comme apprenant

Ce cours explore des théories et des discours tant historiques que psychologiques et sociologiques portant sur le développement humain. Il permet aux étudiant.es de comprendre comment les sens donnés aux notions construites d'élève, d'apprenante, d'enfant et d'adolescente varient dans le temps et selon les circonstances.

*** Préalable : Être en troisième année du Bac, accepté.e au BEAD ou avec la permission du Bac. ***

ECSF 498 1-3:0-3

ECSF Independent Study I

ECSF 499 1-3:0-3

ECSF Independent Study II

ED	Education
Faculty of Education	

ED 215 2:2-8

Integrative Experiences in Elementary Education: Part I

This course provides information and skills related to pertinent issues in field experiences, and guided reflection intended to help students see these experiences in social and cultural context.

*** Prerequisite: Admission to elementary pre-internship. ***

*** Corequisite: EPS 215 and field experience. ***

* Note: Pass/fail grade. Normally offered in fall only. *

ED 225 2:2-8

Integrative Experiences in Elementary Education: Part II

This course follows and builds upon the experience of ED 215, continuing to provide information and skills related to the field experience; and providing more seminar time for guided reflection. The course will allow students to situate critical incidents within their field experiences within a cultural context.

*** Prerequisite: Continuing status in elementary pre-internship. ***

*** Corequisite: EPS 225 and field experience. ***

* Note: Pass/fail grade. Normally offered in winter only. *

ED 350 3:3-5

Integrative Experiences in Secondary Education

This course provides experiences that allow the pre-Intern to integrate theories and approaches to teaching in the secondary school through practical experiences.

*** Prerequisite: Admission to secondary pre-internship. EPS 350 or EIND 305. Concurrent enrolment is allowed. ***

* Note: Pass/fail grade. Normally offered in winter only. The French version of this course will no longer be available, effective 200830. *

EDAC	Expériences d'apprentissage hors campus
Faculty of Education	Bac

EDAC 050 0:0-0

Expériences d'apprentissage hors campus (formerly EFLD 050 - Bac section only)

Organiser et vivre des expériences d'apprentissage hors campus (ordinairement offert en automne).

*** Préalable : Être en troisième année du Bac élémentaire ou accepté.e au BEAD élémentaire ou avec la permission du Bac. ***

Note: Évaluation: réussite ou échec; Frais de participation de 100,00 \$.

EDAN	Dance Education
Faculty of Education	

EDAN 101 3:3-0

Introduction to Dance Education, K-12, Part I

Knowledge and experience of theory and content of dance through both theoretical and practical study. Emphasis on understanding of creative/modern/ethnic dance and its particular relevance in dance education.

*** Prerequisite: KHS 139 or 3 hours in KHS dance courses. ***

* Note: Normally offered in fall only. *

EDAN 202 3:3-0

Introduction to Dance Education, K-12, Part II

This course is designed for arts education students in their second semester. Theory, content and practice related to dance education will be examined.

*** Prerequisite: EDAN 101 ***

* Note: Normally offered in winter only. *

EDAN 301 3:3-0

Curriculum for Dance Education

Selection and organization of contemporary dance experiences for K - 12 pupils. The students will examine dance forms relevant to K-12 age groups and address dance curriculum design.

*** Prerequisite: EDAN 101 and 202 ***

* Note: Normally offered in fall only. *

EDAN 302 3:3-0

Dance in Cultural Contexts

Planning of experiences which explore dance in cultural contexts for K-12 pupils. The students will be involved in the study of resources, in interviews, and observation and analysis of dance milieux.

*** Prerequisite: EDAN 101 and 202 ***

* Note: Normally offered in winter only. *

EDAN 303 3:3-0

Dance Composition

An introductory course in the basic principles of dance composition. Both practical and critical work will be applied to explore the creative process and to develop the skills of choreography.

*** Prerequisite: EDAN 101 and 202, or permission of the instructor. ***

* Note: Normally offered in fall only. *

EDAN 401 3:3-0

Movement Notation

This course is an introduction to the theory and practice of movement notation with an emphasis on developing reading skills through the study of scores.

*** Prerequisite: EDAN 101 and 202, or permission of the instructor. ***

EDAN 402 3:3-3
History of Dance Education
 An introduction to the themes and issues in dance education, emphasizing major developments of dance teaching in theatrical dance, elementary and secondary education, community settings, and university training.
 *** Prerequisite: EDAN 101 and 202, or permission of the instructor.

EDAN 498 1-3:0-3
EDAN Independent Study II

EDAN 499 1-3:0-0
EDAN Independent Study I

EDRA	Drama Education
Faculty of Education	

EDRA 101 3:3-0
Introduction to Drama Education
 This course is an introduction to the theory and practice of group/contextual drama in the K-12 classroom.
 *** Prerequisite: THEA 100 ***
 * Note: Normally offered in fall only. *

EDRA 202 3:3-0
Introduction to Drama Education: Part II
 This course involves students in the exploration of collective creation as both process and product.
 *** Prerequisite: EDRA 101 ***
 * Note: Normally offered in winter only. *

EDRA 203 3:3-0
Drama in the Curriculum: I
 Curriculum in drama education for prospective teachers. The course will survey existing drama curricula and provide beginning experiences in drama curriculum development for elementary and high schools.
 *** Prerequisite: EDRA 202 ***
 * Note: Normally offered in fall only. *

EDRA 204 3:3-0
Drama in the Curriculum: II
 This course examines the possibility of drama in other curriculum areas with special emphasis on English Language Arts.
 *** Prerequisite: EDRA 101 and 203, or permission of the instructor.

 * Note: Normally offered in winter only. *

EDRA 498 1-3:0-0
EDRA Independent Study II

EDRA 499 1-3:0-0
EDRA Independent Study I

EDTE	Dance Teacher Education
Faculty of Education	

EDTE 100 3:3-0
Teaching Strategies and Professional Development in Dance
 Participants will focus on professional development in dance and learn and enhance skills and strategies of dance teaching. Topics will include the role of the dance teacher, creating an environment for learning and teaching, and specific teaching strategies for dance.

EDTE 101 3:3-0
Mentorship and Practicum
 Participants will have the opportunity to be linked to a mentor, and to practice teach in their selected dance form under the supervision of a registered, certified or otherwise qualified educator.
 *** Prerequisite: EDTE 100 with a minimum grade of 60%. ***
 * Note: Pass/fail grade. *

EDTE 102 3:3-0
Dance Technique
 Participants will develop an understanding of the basic principles of dance technique as they relate to alignment and posture, movement principles, and flexibility and strength training in the context of selected dance forms.

EDTE 103 3:3-0
Growth and Development
 This course will consider human development from birth to adulthood, focusing on the changes that occur in structure and function as they relate to education, exercise and dance involvement.

EDTE 104 3:3-0
Educational Psychology in Dance
 This course will discuss learning and motivation theory as applied to movement and dance learners. Participants will consider different methodologies of assessment and evaluation.

EDTE 105 3:3-0
Historical and Cultural Perspectives of Dance
 Participants will study the historical and cultural significance of selected dance forms. They will be asked to plan experiences for implementation in either studios, schools, or public spaces that explore/present dance in a cultural context.

EDTE 106 3:3-0
Choreography and Performance
 Students will focus on movement analysis in order to develop a dance vocabulary that can be used to create dance. This course will also highlight the principles of composition with an emphasis on the choreographic process and the presentation of dance.

EDTE 107 3:3-0
Anatomical Bases of Dance Injuries and Prevention
 This course will emphasize basic human anatomy as it relates to body movement. The course will also provide the basics needed to prevent, identify and treat traumatic and overuse injuries related specifically to dance.

EDTE 120 1.5:1.5-0
Music for Dance and Using Music as a Tool for Creating Dance
 An introduction to the special partnerships that exists between music and dance. A variety of music will be presented and used as a stimulus for the choreographic process - improvisation, creative dance forms, dance composition, and contact improvisation.

EDTE 121 1.5:1.5-0
Nutrition and Lifestyle
 Basic principles of nutrition and the effects of nutritional intake on physical performance will be discussed. An understanding of nutritional requirements that underpin dance activity and the importance of a healthy lifestyle will be presented and discussed. Research will be presented and discussed related to wellbeing and balance in lifestyle.

EDTE 122 1.5:1.5-0
Dance Notation
 An introduction to the Laban system of notation (motif writing) and its application in the recording and reconstruction of dance.

EDTE 123 1.5:1.5-0
Technology for Dance
 This course will consider the role of technology in dance and how it has changed and influenced both traditional and contemporary dance in the way it is preserved, created, and animated.

EDTE 124 1.5:1.5-0
Intermediate/Advanced Choreography, and Partnering Techniques
 This course will explore advanced choreographic elements and choreographic construction and reconstruction, as it relates to classical ballet. Different aspects of partnering will be explored.

EDTE 125 1.5:1.5-0
Small Business Management for Dance Teachers
 This course will offer an introduction to commercial studio and management. Theory and practical application will cover topics including information on business planning, marketing, motivation, media writing, contracts, and computer software.

EDTE 126 1.5:1.5-0
Arts Education Curriculum
 This course will offer an intensive and introspective look at Arts Education curriculum with special reference to dance and dance resources. Participants will consider their relationship to the curriculum and the support that they can offer to the teaching of dance in public schools.

EDTE 130 1.5:1.5-0
Selected Topics in Dance Teacher Education - an AA-ZZ series.
 Selected Topics

EFC	Études Franco-Canadiennes
Faculty of Arts	Institut français

Ces cours sont approuvés par la Faculté des arts et donnent plein crédit pour l'obtention du diplôme.
 These are approved Faculty of Arts courses and carry full degree program credit.

EFC 200 3:3-0
Héritage de la francophonie canadienne - French-Canadian Heritage
 Aperçu des coutumes, traditions, croyances populaires, légendes, contes, et chansons folkloriques. Survey of customs, traditions, popular beliefs, legends and folk songs of French Canada.
 *** Préalables: un cours HIST de niveau 100 et FR 230 ou permission de l'Institut français. ***
 *** Prerequisite: one 100-level HIST course and FR 230 or permission of the Institut français ***

EFC 400 3:3-0
Études en culture canadienne français I - Studies in French-Canadian Culture I
 Analyse des discours intellectuels et culturels de la société canadienne française aux XIXE et XXE siècles. Analysis of intellectual and cultural ideas current in French-Canadian society during the 19th and 20th century.
 *** Préalables : EFC 200 ou HIST 215, FR 270 et un cours de niveau 300 en sciences politiques, sociologie, histoire ou littérature française. ***
 *** Prerequisite: EFC 200 or HIST 215, FR 270 and a 300-level course in political science, sociology, history, or French literature ***

EFC 401 3:3-0
Études en culture canadienne française II - Studies in French-Canadian Culture II
 Analyse des discours intellectuels et culturels de la société canadienne française aux XIXE et XXE siècles. Analysis of intellectual and cultural ideas current in French-Canadian society during the 19th and 20th centuries.
 *** Préalable : EFC 400 ***
 *** Prerequisite: EFC 400 ***

EFC 490 6:3-0
Travaux dirigés - Directed Reading and Research
 Les étudiants choisiront un sujet de recherche sur lequel ils rédigeront un travail d'envergure. Students will select a special project and will write a major paper.
 *** Préalables: EFC 200 ou HIST 215, FR 270 et un cours de niveau 300 en sciences politiques, sociologie, histoire ou littérature française, ou la permission de l'Institut français. ***
 *** Prerequisite: EFC 200 or HIST 215, FR 270 and a 300-level course in political science, sociology, history, or French literature, or permission of the Institut français ***

EFDN	Educational Foundations
Faculty of Education	

EFDN 300 3:3-0
History of Ideas in Education - Histoire des idées en éducation
 A study of educational thought in Western civilization from its origins to the nineteenth century, with emphasis on religious and cultural beliefs as expressed in the writing of important thinkers.
 *** Prerequisite: Third or fourth-year standing, or permission of the subject area. ***
 Histoire des idées en éducation:
 Genèse des faits éducatifs en Occident des origines judaïques et gréco-romaines jusqu'au dix-neuvième siècle. L'emphase est mise sur les dimensions religieuses et culturelles exprimées par les grands penseurs.
 *** Préalable: 3e ou 4e année. ***

EFDN 301 3:3-0
Philosophical Analysis of Education
 Use of philosophical analysis to clarify education, schooling, teaching, knowledge, curriculum, discipline, authority; and basic principles of reasoning to justify aims, content, values.
 *** Prerequisite: Third or fourth-year standing, or permission of the subject area. LGC 100 or PHIL 100 is recommended. ***

EFDN 303 3:3-0
Moral Education
 Brief exploration of the moral domain: nature of moral values, judgement, and reasoning. A critical examination of theory and practice in contemporary models of moral education.
 *** Prerequisite: Third or fourth year standing, or permission of the subject area. ***

EFDN 306 3:3-0
Schooling & Sexual Identities
 This course will provide the rationale, background, and strategies for understanding sexual identity and the social constructions of inclusivity and difference in schools. This course will examine the pedagogical and curricular implications for all educators of gay, lesbian, bisexual, and transsexual (GLBT) students and teachers in our schools.
 *** Prerequisite: Completion of two years of undergraduate studies. ***

EFDN 307 3:3-0
Education and the Multicultural Society - Le multiculturalisme en éducation
 This course will examine multicultural education in the context of social interaction and change. The implications for school policies and practices at national and provincial levels will be considered.
 *** Prerequisite: Third or fourth year standing, or permission of the subject area. ***
 * Note: This course remains an option for Semester 3 Elementary Program students to meet the cross- cultural requirement. *
 Le multiculturalisme en éducation:
 Ce cours vise à une ouverture d'esprit sur les phénomènes culturels et les changements qui affectent la société canadienne contemporaine; son but principal est de permettre aux futur.es enseignant.es d'identifier la diversité culturelle dans les écoles et de s'y adapter. On se penche à la fois sur les différences et les similarités qui s'expriment à l'intérieur du système scolaire, et on met en relief les processus d'analyse et de réflexion.

EFDN 308 3:3-0
Women and Education
 This course examines women and education from historical, philosophical, and sociological perspectives. Topics include women's experiences as teachers, issues of access and equity, feminist views on educational goals, curriculum, pedagogy, and schools, and the politics of teaching.
 *** Prerequisite: Third or fourth-year standing, or permission of the subject area. ***

EFDN 309 3:3-0
Sociology of Education
 Study of classroom, school, and schooling as social systems; the cultural function of educational institutions. Concepts such as social organization, stratification, mobility, role, and values are applied.
 *** Prerequisite: Third or fourth-year standing, or permission of the subject area. SOC 100 recommended. ***

EFDN 311 3:3-0
Philosophical Ideas in Education
 Comparative and critical study of selected 20th-century schools of educational philosophy (eg. realism, pragmatism, behaviourism, existentialism) and their representative thinkers.
 *** Prerequisite: Third or fourth year standing, or permission of the subject area. ***

EFDN 314 3:3-0
The Curriculum: Foundations and Development - Les fondements et l'évolution du curriculum
 Study of historical, philosophical, social, and psychological factors influencing curriculum formation; objectives and procedures for content selection including the features of Saskatchewan core curriculum.
 *** Prerequisite: Third or fourth year standing, or permission of the subject area. ***
 Les fondements et l'évolution du curriculum:
 Une étude des facteurs historiques, philosophiques, sociaux et psychologiques qui influencent la formation du curriculum; objectifs et

procédures pour le choix des contenus y compris les décisions touchant le curriculum du tronc commun de la Saskatchewan.

*** Préalable: 3e ou 4e année. ***

EFDN 406 3:3-0

Comparative Education

This course is a study of education in several countries. Comparisons will be made of national traditions, organization of education, accessibility to education, and education of cultural and religious minorities.

*** Prerequisite: Third or fourth year standing, or permission of the subject area. ***

EFDN 498 1-3:0-0

EFDN Independent Study II

EFDN 499 1-3:0-0

EFDN Independent Study I

EFIL	French (and Other International Languages) Education
Faculty of Education	

EFIL 150 3:3-0

Introduction to Teaching French and Other International Languages

This course presents an overview of beginner, intermediate, and advanced language curricula in French and in "heritage" language classrooms. It examines current phenomena in Canadian language education and their implications for the teacher.

* Note: Offered in fall semester only. *

EFIL 350 3:3-0

Teaching for Proficiency

This course is based on proficiency as the organizing principle in the second language course. It prepares the future second language teacher for teaching and testing for proficiency.

*** Prerequisite: Enrolment in CTSL. ***

EFLD	Education Field Experiences
Faculty of Education	

EFLD 050 0:0-0

OCRE (Off-Campus Residential Experience)

An off-campus residential experience.

*** Prerequisite: EPS 215 or 350, concurrent enrolment is allowed. ***

* Note: Pass/Fail grade. Accommodation Fee: \$100.00. *

* Please note that the French version of this course will no longer be available and will now be offered as EDAC 050, effective 200830. *

EFLD 051 0:0-0

OCRE (Off-Campus Residential Experience)

An off-campus residential experience.

*** Prerequisite: EPS 225, EPS 350, EIND 305, or EIOE 215, concurrent enrolment allowed. ***

* Note: Pass/Fail grade. Accommodation Fee: \$100.00. *

* Please note that the French version of this course will no longer be available, effective 200830. *

EFLD 060 0:0-0

PLACE (Professional Learning as Community Experience)

Professional Learning as Community Experience.

*** Prerequisite: One of ECS 301, 302 or 350; concurrent enrollment is allowed. ***

* Note: Pass/Fail grade. Other related fee: \$100.00. *

EFLD 061 0:0-0

PLACE (Professional Learning as Community Experience)

Professional Learning as Community Experience.

*** Prerequisite: ECS 312; concurrent enrollment is allowed. ***

Note: Pass/Fail grade. Other related fee: \$100.00. *

EFLD 205 2:0-2

Yukon Elementary Practicum I

Required of all elementary students in the Yukon Native Teacher Education program leading to a BEd. Will normally be taken in the second year, winter semester, for a total of 4 weeks.

*** Prerequisite: EPS 100 ***

* Note: Visiting or special students must seek permission from the Executive Director. *

* Note: Pass/Fail grade *

EFLD 305 2:0-2

Yukon Elementary Practicum II

Required of all elementary students in the Yukon Native Teacher Education Program leading to a BEd. Will normally be taken in the spring semester for a total of 4 weeks.

*** Prerequisite: EPS 225 ***

* Note: Visiting or special students must seek permission from the Executive Director. *

* Note: Pass/Fail grade *

EFLD 310 0:0-10

Teaching Experiences in the Pre-K to Grade 5 Classroom: Part I

This course provides students with guided practice in planning and preparing for teaching in an elementary (Pre-K to Grade 5) classroom; with experiences in teaching children in a Pre-K to Grade 5 classroom; with structured debriefing of those experiences; with relevant workshops; and support in reflecting upon their development as teachers. *** Prerequisite: Admission to pre-internship. ***

EFLD 311 3:0-10

Teaching Experiences in the Pre-K to Grade 5 Classroom: Part 2

This course provides students with continued guided practice in planning, preparing, implementing and reflecting upon units of study in Pre-K to Grade 5 classrooms; with teaching time in Elementary classrooms; and with workshops related to anti-oppressive education and equitable practices in Elementary curriculum, instruction, and assessment, as well as the ethical and legal roles and responsibilities of teachers. *** Prerequisite: Permission of the Program Chair and completion of EFLD 310. ***

EFLD 317 0:0-10

Teaching Experiences in the Middle Years Classroom: Part 1

This course provides students with guided practice in planning and preparing for teaching in a middle grade classroom; with experiences in teaching children in a middle grade classroom; with structured debriefing of those experiences; and with support in reflecting upon their development as teachers. *** Prerequisite: Admission to pre-internship. ***

EFLD 318 3:0-10

Teaching Experiences in the Middle Years Classroom: Part 2

This course provides students with continued guided practice in planning, preparing, implementing and reflecting upon units of study for middle years classrooms. Particular attention will be paid to the inclusion of aboriginal content and perspectives and equitable practices in curriculum, instruction and evaluation. *** Prerequisite: Permission of the Program Chair and completion of EFLD 317. ***

EFLD 400 15:0-15

Secondary Internship - Internat secondaire

Required of all secondary students in all programs leading to a B.Ed. or a B.E.A.D. Can be taken either semester although usually taken in the Fall semester for a total of 16 weeks.

*** Prerequisite: Completion of pre-internship semester and permission from the program area are required to register. ***

** Visiting or special students must seek permission from the Director of Professional Development. **

* Note: Pass/Fail grade. Students must fill out the Workers' Compensation Agreement form. *

Internat secondaire:

Ceci est requis des étudiant.es de tous les programmes secondaires menant à un diplôme de BEd. Cet internat est offert au semestre d'automne pour une durée de 16 semaines au minimum. Des étudiant.es qui ne sont pas inscrits au Bac ne sont pas admis.es. *** Préalable: Avoir complété le semestre du pré-internat. ***

* Les étudiant.es doivent remplir le formulaire d'entente de la Commission des accidents de travail. Évaluation: Réussite/échec. *

EFLD 401 1-14:0-14

Secondary Practicum - Stage secondaire

An alternate field experience for secondary students in programs leading to a BEd or certificate. Open to students whose goals require a unique form of practicum.

** Permission from the Director of Professional Development is required to register. **
 * Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *

Stage secondaire:

Ceci constitue un alternatif à l'internat du secondaire menant à un diplôme de BEd ou un certificat. Ce stage procure une variété d'expériences à ceux et celles qui visent une pratique unique en son genre.

** Accessible aux étudiant.es sur l'avis du conseiller et l'approbation de directeur de développement professionnel. **

* Les étudiant.es doivent remplir le formulaire d'entente de la Commission des accidents de travail. Évaluation: Réussite/échec. *

EFLD 402 15:0-15

Arts Education Internship

Required of all Arts Education students in all programs leading to a B.Ed. or a B.E.A.D. Can be taken either semester although usually taken in the Fall semester for a total of 16 weeks.

*** Prerequisite: Completion of pre-internship semester. Permission from the program area is required to register. ***

* Note: Visiting or special students must seek permission from the Director of Professional Development. *

* Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *

EFLD 403 1-14:0-14

Arts Education Practicum

An alternate field experience for arts education students in programs leading to a BEd or certificate. Open to students whose goals require a unique form of practicum.

*** Prerequisite: Permission from the Director of Professional Development is required to register. ***

* Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *

EFLD 405 15:0-15

Elementary Internship - Internat élémentaire

Required of all elementary students in all programs leading to a BEd or a BEAD. Can be taken either semester although usually taken in the fall semester for a total of 16 weeks.

*** Prerequisite: Completion of pre-internship year (EPS 225) and permission from the program area is required to register. ***

* Note: Visiting or special students must seek permission from the Director of Professional Development. *

* Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *

Internat élémentaire:

Ceci est requis de tous les programmes menant au diplôme de BEd (anglais ou français). Normalement il est offert au semestre d'automne pour une durée minimum de 16 semaines. Ceux et celles qui ne sont pas inscrits au Bac ne sont pas acceptés.

*** Préalable: Avoir complété le semestre du pré-internat. ***

* Les étudiant.es doivent remplir le formulaire d'entente de la Commission des accidents de travail. Évaluation: Réussite/échec. *

EFLD 406 1-14:0-14

Elementary Practicum - Stage élémentaire

An alternate field experience for elementary students in programs leading to a BEd or certificate. Open to students whose goals require a unique form of practicum.

*** Prerequisite: Permission from the Director of Professional Development is required to register. ***

* Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *

Stage élémentaire:

Ceci constitue un alternatif à l'internat de l'élémentaire menant à un diplôme de BEd ou un certificat. Ce stage offre une variété d'expériences à ceux et celles qui visent une pratique unique en son genre.

** Accessible aux étudiant.es sur l'avis du conseiller et l'approbation du directeur du développement professionnel. **

* Les étudiant.es doivent remplir le formulaire d'entente de la Commission des accidents de travail. Évaluation: Réussite/échec. *

EFLD 407 15:0-15

Middle Years Internship

Required of all middle years students. Can be taken in either semester although usually taken in the fall semester for a total of 16 weeks.

Visiting or special students must seek permission from the Director of Professional Development.

*** Prerequisite: Successful completion of pre-internship year. ***

** Permission from the Program Area is required to register. **

* Note: Students must fill out the Worker's Compensation Agreement Form. Pass/Fail grade. *

EFLD 408 1-14:0-14

Middle Years Practicum

An alternate field experience for middle years elementary students in programs leading to a BEd or certificate. Open to students whose goals require a unique form of practicum.

** Consent of the Director of Professional Development is required to register. **

* Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *

EFLD 409 15:0-15

Pre-K to Grade 3 Elementary Internship

Required of all Pre-K to Grade 3 elementary students. Can be taken either semester although usually taken in the fall semester for a total of 16 weeks.

*** Prerequisite: Successful completion of pre-internship year. ***

** Permission from the Program Area is required to register. Visiting or special students must seek permission from the Director of Professional Development. **

* Note: Students must fill out the Workers' Compensation Agreement Form. Pass/Fail grade. *

EFLD 410 1-14:0-14

Pre-K to Grade 3 Elementary Practicum

An alternate field experience for Pre-K to Grade 3 elementary students in programs leading to a BEd or certificate. Open to students whose goals require a unique form of practicum.

** Consent of the Director of Professional Development is required to register. **

* Note: Students must fill out the Workers' Compensation Agreement Form. Pass/Fail grade. *

EFLD 411 15:0-15

Pre-K to Grade 5 Elementary Internship

Required of all Pre-K to Grade 5 elementary students. Can be taken either semester although usually taken in the fall semester for a total of 16 weeks.

*** Prerequisite: Successful completion of pre-internship year. ***

** Permission from the Program Area is required to register. Visiting or special students must seek permission from the Director of Professional Development. **

* Note: Students must fill out the Workers' Compensation Agreement Form. Pass/Fail grade. *

EFLD 412 1-14:0-14

Pre-K to Grade 5 Elementary Practicum

An alternate field experience for Pre-K to Grade 5 elementary students in programs leading to a BEd or certificate. Open to students whose goals require a unique form of practicum.

** Consent of the Director of Professional Development is required to register. **

* Note: Students must fill out the Workers' Compensation Agreement Form. Pass/Fail grade. *

EFRN	French Education
Faculty of Education	

EFRN 300 3:3-0

Core French Education - Grades 7 to 12

This course examines various FSL programs, the Saskatchewan Curriculum guide and the application of curriculum principles to the teaching of Secondary Core French.

*** Prerequisite: FR 201 ***

* Note: This course is taught in French. Normally offered in fall only. *

EFRN 498 1-3:0-0

EFRN Independent Study II

EFRN 499 1-3:0-0

EFRN Independent Study I

EHE	Health Education
Faculty of Education	

EHE 215 3:3-0
Elementary School Health Education: Methods, Content and Materials

The purpose of this course is to acquaint the students with the health programs, methods, content, and materials in both the elementary and middle years school levels.

*** Prerequisite: Selection into the Elementary Program. ***

EHE 258 3:3-0
Personal and Community Health

The course focuses on basic background and content in health education, covering major areas such as environment, drugs, sex, consumer health, safety, mental health, nutrition, fitness, and aging.

* Note: Normally offered in winter only. *

EHE 300 3:3-0
Curriculum Construction in Health Education

An advanced course in the development of a health curriculum.

*** Prerequisite: Minimum of 9-12 hours in health education courses, EPS 100, EPS 200, and acceptance into pre-internship year, or permission of the health and physical education subject area. ***

* Note: Exceptions will be made for elementary education students. *

EHE 310 3:3-0
Health Education in the Elementary School (Pre-K to Grade 5)

This course provides the background information and skills teachers need to implement comprehensive school health education in the elementary years. It provides opportunities for students to learn how to help children reflect and act on health issues in their lives or in their communities.

*** Prerequisite: For elementary pre-internship students only. ***

EHE 317 3:3-0
Teaching Health for Social Change

This course seeks to provide the skills needed to develop skills needed to promote authentic youth participation in health action plans and socially critical health curricula. It provides opportunities for students to learn how to help youth reflect and act on health issues in their lives or in their communities.

*** Prerequisite: For elementary (middle years concentration) pre-internship students only. ***

EHE 350 3:3-3
School Health Education

An advanced course on methods and materials designed to meet the needs of the health, physical education, or classroom teacher.

*** Prerequisite: EHE 258 or permission of the health and physical education subject area. ***

EHE 385 3:3-0
Introduction to Drug Education

The physical, social, and psychological aspects of drug use, misuse and abuse, including pharmacological and rehabilitation problems. Particular emphasis is given to the methods of teaching.

*** Prerequisite: EHE 258 or EHE 215 ***

EHE 487 3:3-0
Curriculum Content and Theories of Instruction in Family Life Education

Focus on the scope and purpose of family life and sex education.

Emphasis will be on content, methods, and material from grades K-12. *** Prerequisite: EHE 258 or permission of the health and physical education subject area. ***

EHE 498 1:3:0-0
EHE Independent Study I

EHE 499 1:3:0-0
EHE Independent Study I

EIEA (formerly EIAD)	Indigenous Educational Administration
Faculty of Education	First Nations University of Canada

EIEA 355 3:3-0
Educational Administration: Indigenous Education Structure and Process (formerly EIAD 355)

An overview of administration in federal, provincial, and band-controlled schools with reference to constitutional, legal, and economic components.

*** Prerequisite: EPS 225 or EPS 350 ***

EIEA 498 1:3:0-3
EIEA Independent Study I

Course reserved for independent study or project

EIEA 499 1:3:0-3
EIEA Independent Study II

Course reserved for independent study or special project in the student's field of special interest in education.

EIND (formerly EINE)	Indigenous Education
Faculty of Education	First Nations University of Canada

EIND 205 3:3-0
Introduction to Indigenous Education (formerly EINE 205)

The implications of culture and cultural change for education are examined using examples from First Nations cultures. Ways of integrating First Nations culture into classroom practice are examined.

*** Prerequisite: EPS 116 or permission from the First Nations University of Canada, Indigenous Education Department Head. ***

EIND 305 3:3-7
Curriculum and Instruction Adaptation for Indigenous Education (formerly EINE 305)

Culturally relevant teaching methodologies for First Nations students are examined. Planning skills are developed for integration of First Nations content across the curriculum. *** Prerequisite: EIND 205 ***

EIND 405 6:3-3
Foundations of Indigenous Knowledge (formerly EINE 405)

This course will explore Aboriginal ways of knowing and being through an experiential approach in a cultural immersion setting. The respect, the dignity and the wisdom of Aboriginal peoples will frame the students' foundational understandings for teaching and learning in schools.

*** Prerequisite: One of CREE 100, SAUL 100, DENE 100, NAK 100 or DAK 100 ***

* Note: Accommodation Fee of \$125.00. *

EIND 498 1:3:0-3
EIND Independent Study I

Course reserved for independent study or special project.

EIND 499 1:3:0-3
EIND Independent Study II

Course reserved for independent study or special project in the student's field of special interest in education.

EINH (formerly EIHE)	Indigenous Health Education
Faculty of Education	First Nations University of Canada

EINH 215 3:3-0
Introduction to Indigenous Health Education in Elementary School (formerly EIHE 215)

Introduction to methods and materials for effective health education, particularly for First Nations students. Basic health concepts are studied within the framework of the traditional First Nations philosophy of health and wellness. *** Prerequisite: EPS 100 or permission from First Nations University of Canada, Indigenous Education Department Head. ***

EINH 498 1:3:0-3
EINH Independent Study I

Course reserved for independent study or special project.

EINH 499 1:3:0-3
EINH Independent Study II

Course reserved for independent study or special project in the student's field of special interest in education.

EINL	Indian Language Arts
Faculty of Education	First Nations University of Canada

EINL 200 **3:3-0**
Culture and the Acquisition of Language and Literacy
This course provides students with an understanding and analysis of how culture influences the development of language, literacy and communication skills with a particular focus on the language experiences of Aboriginal peoples in Canada.
*** Prerequisite: 2nd year standing or permission of the instructor. ***

EINL 225 **3:3-0**
Indian Language Arts: Oral and Written Communications
Students will learn the methodologies of teaching children to increase verbal and written skills in Indian languages. Language development and curriculum development in the context of First Nations societies are stressed.
*** Prerequisite: 102 level Indian language or ELNG 205 or permission from the First Nations University of Canada, Indigenous Education Department Head. ***

EINL 325 **3:3-0**
Bilingual/Bicultural Language Learning Processes
The cognitive and social aspects of second language learning and the processes of bilingual/bicultural development. Students explore the strategies that bilingual teachers can use in the classroom to enhance language learning.
*** Prerequisite: An introductory course in the principles of teaching English as a Second Language or EINL 225. ***

EINL 335 **3:3-0**
Community Based Curriculum Development for First Nations (K-12) Languages
This course will focus on community based curriculum development and implementation procedures for First Nations language programs. Adaptation and modification of specific community based curriculum models will be examined.
*** Prerequisite: EINL 225 or EINL 325 ***

EINL 450 **3:3-0**
Indian Language Immersion
This course is intended to provide students with increased fluency in an Indian language; to review First Nations languages immersion programs presently in use; and, to help students design, implement and evaluate Indian language immersion programs.
*** Prerequisite: Fluency in a First Nations language, or Indian language 104, or EINL 325 or permission of the Department of Extension and Northern Operations at First Nations University of Canada. ***
* Note: Accommodation Fee \$125.00. *

EINL 498 **1-3:0-0**
EINL Independent Study

EINL 499 **1-3:0-0**
EINL Independent Study

EIOE	First Nations' Outdoor Education
Faculty of Education	First Nations University of Canada

EIOE 215 **1.5:2-0**
First Nations' Outdoor Education: Part I
The course will focus on outdoor education theory, and how to use it to enhance classroom teaching and to foster a healing environment. Students will learn activities and methods for teaching Aboriginal cultural customs and environmental studies for academic, personal, social and cultural growth.

EIOE 225 **1.5:2-0**
First Nations' Outdoor Education: Part II
The course will continue the focus on outdoor education theory, and how to use it to enhance classroom teaching and to foster a healing environment. Students will learn activities and methods for teaching Aboriginal cultural customs and environmental studies for academic, personal, social and cultural growth.

EISE (formerly EISP)	Indigenous Special Education
Faculty of Education	First Nations University of Canada

EISE 332 **3:3-0**
First Nations/Minority Special Education (formerly EISP 332)
This course will examine current issues and trends in First Nations/minority special education from a theoretical base and practical approach. This course will explore and discuss current practices, policies and research as they concern culturally and linguistically diverse exceptional children in special education.
*** Prerequisite: EPSY 322 ***

EIST (formerly EINS)	Indigenous Studies Education
Faculty of Education	First Nations University of Canada

EIST 300 **3:3-0**
Introduction to Indigenous Studies Education (formerly EINS 300)
An introduction to Indigenous Studies Education in secondary schools including a critical examination of Indigenous Studies curriculum, instructional methods, assessment, and evaluation. Philosophies of First Nations education will also be explored.
*** Prerequisite: 12 credit hours of Indigenous Studies that are part of the major or minor, or permission of Indigenous Education Department Head. ***

EIST 350 **3:3-0**
Instruction and Evaluation in Secondary Indigenous Studies Education (formerly EINS 350)
This course will examine instructional methods and pedagogy for teaching Secondary Indigenous Studies to affect positive personal and social change. Program evaluation and evaluation of student learning will also be examined.
*** Prerequisite: EIST 300 and 18 credit hours of Indigenous Studies, or permission of the Indigenous Education Department Head. ***

EIST 400 **3:3-0**
Issues in Secondary Indigenous Studies Education (formerly EINS 400)
This course will examine issues that impact the teaching of Secondary Indigenous Studies including First Nations historical and contemporary issues. Appropriate methodologies to address the issues of race, culture, identity and ethnicity will be explored.
*** Prerequisite: EIST 300 and 18 credit hours of Indigenous Studies, or permission of the Indigenous Education Department Head. ***

EIST 498 **1-3:0-3**
EIST Independent Study I
Course reserved for independent study or special project.

EIST 499 **1-3:0-3**
EIST Independent Study II
Course reserved for independent study or special project in the student's field of special interest in education.

ELIB	Education for School Librarianship
Faculty of Education	

ELIB 216 **3:3-0**
Children's Literature and the Elementary School Program
The selection, evaluation, and use of children's literature for elementary classrooms and school libraries.

ELIB 326 **3:3-0**
Young Adult Literature and the High School Curriculum
The selection, evaluation, and use of young adult literature for high school classrooms.
* Note: Normally offered in winter only. *

ELIB 498 **1-3:0-0**
ELIB Independent Study II

ELIB 499 1-3:0-0
ELIB Independent Study I

ELIT	Literature Education
Faculty of Education	

ELIT 101 3:3-0
Introduction to Literature Education, Kindergarten through Grade 6
 This course is designed for students in the Arts Education Program. Instructional methods for teaching literature and writing from kindergarten through grade 6.
 *** Prerequisite: ENGL 100 ***
 * Note: Normally offered in fall semester only. *

ELIT 202 3:3-0
Introduction to Literature Education, Grades 7 Through 12
 This course is designed for students in the Arts Education Program. Its content concerns instructional methods for teaching literature and writing in grades 7 through 12.
 *** Prerequisite: ELIT 101 ***
 * Note: Normally offered in winter semester only. *

ELIT 498 1-3:0-0
ELIT Independent Study II

ELIT 499 1-3:0-0
ELIT Independent Study I

ELNG	Language Arts Education
Faculty of Education	

ELNG 200 3:3-0
Linguistic Diversity and Teaching Language Arts
 This course prepares future teachers to support children in learning to speak, read and write the English of the school. It covers the rule systems of language, contrasts among dialects, both first and second language acquisition, and the effects of poverty, transience and cultural diversity on literacy learning. *** Prerequisite: ECS 110 or permission of the subject area. ***

ELNG 205 3:3-0
Language and Literacy Development
 This course will prepare teachers to foster language development in the classroom by providing an overview of recent theory, research, and practice in language and literacy acquisition.
 *** Prerequisite: EPS 100 ***
 * Note: Normally offered in fall semester only. *

ELNG 300 3:3-0
Curriculum in Secondary School English
 A study of the structure, articulation, implementation, and theoretical frameworks of typical high school English curricula with reference to and examination of alternative and special needs curricula.
 *** Prerequisite: Minimum of 21 credit hours in English or ELNG courses, or permission of the subject area. ***
 * Note: normally offered in fall semester only. *

ELNG 316 3:3-0
Language Awareness
 An introduction to educational linguistics for teachers of all levels. The theoretical subtopics of phonetics, phonology, morphology, syntax, semantics, discourse structure, language acquisition and sociolinguistics are taught.
 *** Prerequisite: Introductory language arts methodology course, EPS 100, relevant teaching experience or permission of the subject area. ***
 * Note: Normally offered in fall semester only. Recommended for those intending to apply for the Secondary Program (English major or minor). Permission required for those not in an Education program. *

ELNG 325 3:3-0
The Teaching of Writing
 Classroom applications of recent theory, research, and practice in the teaching of writing for elementary pre-service teachers. Study of writers' processes and strategies through participation in a writing workshop.

*** Prerequisite: ELNG 205 ***

ELNG 326 3:3-0
Teaching English as a Second Language
 Principles of ESL teaching, methodology of teaching, lesson and unit planning, and examination and preparation of teaching and testing materials at the elementary, secondary, and adult levels.
 *** Prerequisite: EPS 100 or relevant teaching experience, or permission of the subject area. ***

ELNG 350 3:3-1
Secondary English Methodology Literature
 This course presents methods for teaching literature, drama, and film at the high school level. It emphasizes the translation of theory and content into classroom practice.
 *** Prerequisite: ELNG 300 for English Education majors; permission of the subject area for others. ***
 * Note: Normally offered in winter semester only. *

ELNG 351 3:3-1
Secondary English Methodology: Composition, Language and Media
 This course presents methods for teaching English composition, language, and media. It emphasizes the translation of theory and content into classroom practice.
 *** Prerequisite: ELNG 300 and ELNG 316 for English Education majors; permission of the subject area for others. ***
 * Note: Normally offered in winter semester only. *

ELNG 450 3:3-0
Issues in Secondary English Education
 In-depth consideration of issues in English Language Arts Education chosen from: censorship, gender, language and curriculum, culture and curriculum, response to literature, curriculum reform, linguistic diversity, evaluation, reporting, and others.
 *** Prerequisite: Completed Internship (EFLD 400) ***

ELNG 498 1-3:0-0
ELNG Independent Study II

ELNG 499 1-3:0-0
ELNG Independent Study I

EMTH	Mathematics Education
Faculty of Education	

EMTH 200 3:3-0
Implementation and Assessment of Problem Solving in Mathematics
 An exploration into teaching mathematics from a problem solving perspective. Classification, representation and retrieval strategies, and their implications for students' mathematical thinking and classroom teaching are examined.
 *** Prerequisite: Two university math courses, or permission of the subject area. ***

EMTH 215 3:3-0
Theory and Practice in Teaching Mathematics in the Elementary School
 This course examines the structure of mathematics and methodology related to major curriculum topics, including problem solving, rational numbers, and geometry. A critical resource-based approach will be used to enable students to become familiar with, and make wise choices about, a variety of teaching strategies and curriculum materials.
 *** Prerequisite: For elementary pre-internship students only. ***

EMTH 217 3:3-0
Curricular Topics in Mathematics
 This course addresses mathematics topics in the Saskatchewan middle years curriculum, focusing primarily on geometry, measurement, statistics and probability. By exploring these topics through problem-based and investigative approaches, students will expand their conceptual understanding of mathematics and develop an appreciation for the dynamic nature of mathematical ideas and processes.

EMTH 300 **3:3-3**
Curriculum Content in Secondary Mathematics I
 This course explores four kinds of knowledge (curricular, pedagogical, content, and pedagogical content knowledge), and the relationship of each to the teaching of mathematics.
 *** Prerequisite: 12 credit hours of mathematics that are part of the major or minor, or permission of the subject area. ***
 * Note: Normally offered in fall semester only. *

EMTH 310 **3:3-0**
Teaching Mathematics in Elementary Schools
 This course is designed to address the philosophies, goals, curriculum documents, and methods of instruction and assessment of early elementary school (PreK to 5) mathematics. A critical, resource-based approach to this course will provide opportunities for students to reflect on and construct understandings of key issues in mathematics education.
 *** Prerequisite: For elementary pre-internship students only. ***

EMTH 317 **3:3-0**
Teaching Mathematics in the Middle Years
 This course is designed to address the philosophies, goals, curriculum documents, and methods of instruction and assessment of middle years (6-9) mathematics. A critical, resource-based approach to this course will provide opportunities for students to reflect on and construct understandings of key issues in mathematics education. ***
 Prerequisite: For elementary (middle years concentration) pre-internship students only. ***

EMTH 325 **3:3-0**
Mathematics for the Elementary School Teacher
 A resource-based, multi-media, experiential approach will be used to involve students in curriculum related mathematical experiences.
 *** Prerequisite: EMTH 215 or equivalent, or permission of the mathematics education subject area. ***
 * Note: Normally offered in winter semester only. *

EMTH 335 **3:3-0**
Curriculum and Instruction: Mathematics in the Elementary School
 New approaches to structuring content and establishing strategies of teaching. Diagnosis and remediation, individualizing mathematics are included. Laboratory procedures mandatory.
 *** Prerequisite: 6 credit hours in mathematics and mathematics education courses or permission of the mathematics education subject area. ***

EMTH 350 **3:3-1.5**
Curriculum Content in Secondary Mathematics II
 A follow-up to EMTH 300 dealing with more advanced secondary mathematics topics, assessment, and evaluation.
 *** Prerequisite: EMTH 300, MATH 223, and at least 9 additional credit hours in mathematics. ***
 * Note: Normally offered in winter semester only. *

EMTH 351 **3:3-1.5**
Theories of Instruction in the Teaching of Secondary School Mathematics
 Techniques of secondary mathematics instruction. Discussion of expository, discovery, enquiry, and other approaches to mathematics teaching. Pre-internship school experiences and microteaching.
 *** Prerequisite: Minimum of 18 credit hours in mathematics or permission of the mathematics education subject area. ***
 * Note: Normally offered in winter semester only. *

EMTH 450 **3:3-0**
Post-Internship Seminar in Secondary Mathematics
 A post-internship course to reflect on pedagogical issues from internship and the teaching of secondary mathematics. Further consideration of the fundamental aspects of instruction: planning, teaching and evaluation. Special topics for effective teaching.
 *** Prerequisite: Internship (EFLD 400) or approved teaching experience. EMTH 351 and MATH 223. ***
 * Note: This is a required course for Mathematics Education majors. *

EMTH 498 **1-3:0-0**
EMTH Independent Study II

EMTH 499 **1-3:0-0**
EMTH Independent Study I

EMUS	Music Education
Faculty of Education	

EMUS 101 **3:3-0**
Introduction to Music Education: Part I
 Introduction to music education within the context of arts education. Topics include properties of musical sound, an overview of music curricula, and use of other art forms in music education.
 *** Prerequisite: MU 100 ***

EMUS 202 **3:3-0**
Introduction to Music Education: Part II
 This course is designed for students in the arts education program. It examines teaching strategies for the current curriculum with emphasis on music in terms of artistic correspondence.
 *** Prerequisite: EMUS 101 ***

EMUS 300 **3:3-0**
Curriculum in Secondary School Music
 An examination of the theoretical premises, design, and organization of the secondary music curricula. A comparative approach explores alternative means of elaborating and adapting the curriculum for classroom use.
 *** Prerequisite: Permission of the music education subject area is required to register. ***
 * Note: Normally offered in fall semester only. *

EMUS 320 **3:3-2**
Orff-Schulwerk Pedagogy
 Orff-Schulwerk process is introduced through speech, singing, playing classroom instruments, movement.
 *** Prerequisite: EAES 215 or any EMUS course ***

EMUS 350 **3:3-0**
Music Instruction in Secondary Schools
 Methods of teaching instrumental, choral, and general music at the high school level, with emphasis on translating theory and research into practice.
 ** Permission of the music education subject area is required to register. **
 * Note: Normally offered in winter semester only. *

EMUS 366 **3:3-0**
Methods and Materials for Class Choral Instruction
 A course designed to survey current materials and practices with an emphasis on developing choral techniques required for a comprehensive choral program in the elementary, middle years, and secondary schools.
 ** Permission of the music education subject area is required to register. **

EMUS 377 **3:3-0**
Methods and Materials for Class Instrumental Instruction
 Designed to cover current materials and practices suitable to the comprehensive instrumental music program in elementary and secondary schools.
 *** Prerequisite: MU 185, MU 186, and MU 187 or permission of the music education subject area. ***

EMUS 498 **1-3:0-0**
EMUS Independent Study II

EMUS 499 **1-3:0-0**
EMUS Independent Study I

EMY	Middle Years Education
Faculty of Education	

EMY 205 **3:3-0**
Orientation to Teaching the Middle Years Child (5-9)
 Sociological and psychological perspectives on the older child and early adolescent; approaches to schooling, to teaching, and to curriculum for the middle year's child.
 *** Prerequisite: Selection into the Elementary Teacher Education program. ***
 * Note: Normally offered in fall semester only. *

EMY 498 **1-3:0-0**
EMY Independent Study II

ENEL	Electronic Systems Engineering
Faculty of Engineering and Applied Science	

ENEL 280 3:3-3
Electrical Circuits

DC circuits, Kirchoff's voltage and current laws, equivalent circuits, mesh and nodal methods, superposition, maximum power transfer, capacitors, inductors, transient analysis of RL and RC circuits.

*** Prerequisite: PHYS 119 and MATH 111 ***

ENEL 282 3:3-3
Semiconductor Devices

Semiconductor materials and conduction principles. The characteristics of common semiconductor devices, including: PN junction diodes, bipolar and field effect transistors, thyristors and photodiodes. Linear models, circuit analysis and application examples.

*** Prerequisite: PHYS 119, MATH 111, and ENEL 280 ***

ENEL 283 3:3-3
Analog Electronics

The introductory aspects of linear analog electronics, including: biasing circuits, linear amplifier design, operational amplifiers and applications, power supplies, power amplifiers, and analog filters.

*** Prerequisite: ENEL 280 and 282 ***

ENEL 380 3:3-3
Control Systems

Introduction to the principles of control systems. System modeling, effects of feedback, stability of systems, time and frequency response, compensation, analysis and design techniques.

*** Prerequisite: ENIN 233 ***

ENEL 382 3:3-1.5
Electrical Circuits II

AC circuits analysis, phasors, impedance, frequency, response, resonance, filters, second order transient analysis, introduction to AC power systems.

*** Prerequisite: ENEL 280 ***

ENEL 384 3:3-3
Digital Electronics

The introductory aspects of digital electronic circuits, including Boolean arithmetic, logic gates, flip flops, counters and registers, combinational and sequential logic design. Circuit configuration and electrical properties of NMOS, CMOS, ECL and TTL logic families.

*** Prerequisite: ENEL 282 ***

ENEL 387 3:3-3
Microcomputer Systems Design

Design and analysis of microcomputer systems. Memory and peripheral devices are integrated with ASSEMBLER code with the aid of an emulator to produce a working system containing an imbedded microcomputer.

*** Prerequisite: CS 201 and ENEL 384 ***

ENEL 389 3:3-3
Instrumentation

The study, analysis, and application of sensors and transducers considering the practical aspects of noise, accuracy, precision, and calibration. The operation of electronic measuring equipment, instrumentation systems, and interfacing.

*** Prerequisite: ENEL 280 ***

ENEL 390 3:3-3
Communication Theory

An introduction to information theory and telecommunication signals and methods. Definition of information, time to frequency relations, application of Fourier series and the Fourier transform, types of modulation, theory of discrete sampling and the Nyquist sampling rate.

*** Prerequisite: ENEL 283 and MATH 217 ***

ENEL 392 3:3-3
Engineering Electromagnetics

Maxwell's equations, dielectric and magnetic properties of matter and multipoles.

*** Prerequisite: PHYS 201 and MATH 213 ***

ENEL 393 3:3-3
Digital Communications

Error rates, optimum decision levels, statistical decision theory, matched filters, narrowband noise, system performance, optimum binary transmission, M-ary orthogonal signals, Shannon capacity expression, coding for error detection and correction, repeater systems.

*** Prerequisite: ENEL 390 ***

ENEL 395 3:3-3
Transmission Lines and Antennas

Review of transmission line fundamentals, Smith charts, matching techniques, wave guide theory and components, waveguides, fiber optics, antenna fundamentals, and RF propagation.

*** Prerequisite: ENEL 390 and PHYS 201 ***

ENEL 400 1:1-1
ESE Project Start-up

The main purpose of this course is to prepare students for their project design course, ENEL 417. Students form design teams. The teams will propose, develop, & present engineering design projects that they will pursue in ENEL 417. Each team will prepare a project plan document and a preliminary design document. In addition, each project group will orally present their proposal to their colleagues. Issues of safety, feasibility, & engineering responsibility, will be considered in this course.

*** Prerequisite: ENEL 390, ENEL 380, and ENEL 387 (concurrent enrolment allowed) ***

ENEL 417 3:0-3
ESE Design Project

Typically, a functional device or system, incorporating electronic hardware and/or software in a team design, is to be designed, implemented, and tested. A formal written report, a demonstration of the project and an oral presentation of the work are required.

*** Prerequisite: ENEL 400 and ENEL 387 ***

ENEL 472 3:3-0
Power Systems Fundamentals

Real and reactive power, single and polyphase power fundamentals, Per-Unit systems, L, C & R applied to power systems, transformers, synchronous and induction machines, and supporting circuitry. Protection requirements and devices.

*** Prerequisite: ENEL 382 ***

ENEL 482 3:3-3
Power Systems

Application of concepts to power delivery and industrial use. Topics include power system stability/power quality, power system specification, and analysis/design. Course involves at least one design Project.

*** Prerequisite: ENEL 472 ***

ENEL 484 3:3-3
Digital Process Control

Introduction to sampled data control theory. Modeling, analysis and design of digital control systems for industrial processes. Interfacing to instrumentation and control hardware. Applications.

*** Prerequisite: ENEL 380 ***

ENEL 486 3:3-3
Analog Systems Design

Analog electronics fundamentals are extended to more complex applications and designs. Feedback amplifiers, oscillators, phase locked loops, high frequency amplifiers, high performance op-amp applications, advanced performance simulation.

*** Prerequisite: ENEL 283 ***

ENEL 487 3:3-3
Real Time Industrial Processes

Characteristics and analysis of real time control systems and their applications in the telecommunication and process control industries. Interfacing, communication links, system architecture and operating systems for real time processes. Industry standards and reliability.

*** Prerequisite: ENEL 387 and CS 210 ***

ENEL 489 3:3-3
Application Specific Integrated Circuit Design

Introduction to ASIC chips: circuit design, fabrication, testing, and cost analysis. Advanced synchronous digital design techniques such as pipelining, parallelism, and caching. Application to sorting, encoding, decryption, and digital filters. Student will develop a design

using a high-level design language (VHDL) and test it on a RAM based FPGA.

*** Prerequisite: ENEL 384 ***

ENEL 492 3:3-3

Telecommunication and Computer Networks

ISO-OSI layered model, design issues, protocols and interfaces, network primitives, protocol operation and verification, local networks, IEEE 802 standards, local network design studies, performance, public networks and telephone systems, ISDN.

*** Prerequisite: ENEL 390 ***

ENEL 494 3:3-3

Telecommunication Systems Engineering

Approaches to the design of telecommunication systems based on specifications and constraints. Terrestrial and satellite communications. Audio, video, and telephone systems. Noise and receiver fundamentals.

*** Prerequisite: ENEL 393 ***

ENEL 495 3:3-3

Digital Signal Processing

Review of z transforms and discrete signal analysis, the discrete Fourier transform, digital filter design and analysis, IIR and FIR systems, DSP hardware and applications.

*** Prerequisite: ENEL 390 ***

ENEL 496 1-6:6-6

Directed Study in Engineering - an AA-ZZ series.

A course in special topics in which the student may do directed study in engineering under the supervision of a faculty member.

** A detailed outline of the proposed study must be approved by the program co-ordinator before registration. **

ENEV	Environmental Systems Engineering
Faculty of Engineering and Applied Science	

ENEV 223 3:3-3

Engineering, Environment, and Society

Introduction and application of environmental design in engineering practice, including public health and safety, environmental ethics, resource and energy systems, and impacts of technology on society.

*** Prerequisite: ENGG 123 or ENGG 113 ***

ENEV 261 3:3-3

Engineering Fluid Mechanics

Properties of fluids; fluid statics, mass, energy and momentum principles; steady state flow in pipe systems and open channels; flow measurement, dimensional analysis.

*** Prerequisite: ENGG 240 and PHYS 109 ***

ENEV 281 3:3-3

Surveying, Mapping and Information Systems

Fundamental principles and methods of surveying fieldwork and computations. Concurrent lectures, fieldwork, and office work. Spatial information systems.

*** Prerequisite: ENGG 113 and CS 110 ***

ENEV 321 3:3-4

Applied Environmental Science

Study of biochemical effects of human activities on the environment; ecology and environmental pollution; materials and energy balances; chemical systems; basic concepts of aquatic and soil chemistry; water resources; transport phenomena; water pollution; human health risk assessment; water quality and treatment; wastewater treatment; public health aspects.

*** Prerequisite: ENEV 320 ***

ENEV 322 3:3-3

Applied Microbial Systems

An introduction to microbial structure, physiology, and environmental relationships with emphasis on the application of microbial systems to environmental engineering. Includes a survey of microbiological processes that occur within and/or influence the function of engineered and natural systems.

*** Prerequisite: ENEV 320 ***

ENEV 334 3:3-3

Applied Probability & Decision Making for Engineers

Probability and decision making for engineering systems and problems such as floods, containment, and traffic. Topics include hazard and risk analysis, regression, testing, distributions, Bayesian decisions, expected costs.

*** Prerequisite: STAT 289 ***

ENEV 360 3:3-3

Environmental Hydraulics

Momentum, mass and energy balances in the design, synthesis and analysis of flow in pipes, open channels and porous media ; pumps; turbines; dams; spillways; culverts; diversion, conveyance and control structures.

*** Prerequisite: ENEV 261 ***

ENEV 363 3:3-3

Water and Wastewater Engineering

The theory and design of systems and system components used in water treatment and distribution and in wastewater collection and treatment.

*** Prerequisite: ENEV 321 ***

ENEV 372 3:3-1

Transportation Systems

Introduction to transportation as a system; roles of transportation in society; the technology of transportation; the transportation system and its environment; introduction to planning and management of regional transportation facilities.

*** Prerequisite: CS 110 and ENGG 240 (concurrent enrolment is allowed) ***

ENEV 383 3:3-3

Geotechnical Engineering

Soil properties, water movement and seepage, stress distribution in soil masses, consolidation and settlement, lateral shear stress, slope stability analysis, shallow foundation design and retaining wall design. Emphasis will be on the environmental problems with the soil.

*** Prerequisite: ENIN 241 and ENEV 384 ***

ENEV 384 3:3-3

Engineering Materials

Structure and properties of engineering materials, particularly steel, aggregate, and asphalt and Portland cement concretes. Introduction to soils. Environmental aspects of materials.

*** Prerequisite: CHEM 103 ***

ENEV 400 1:1-0

EVSE Project Start-up

In this course a team design project for ENEV 415 is selected, preliminary project information gathered, and a project plan prepared. Students are advised to coordinate the chosen project topic with their approved electives in order to be better prepared for the completion of their ENEV 415 project.

*** Prerequisite: ENEV 321 and ENEV 421 ***

ENEV 408 3:3-3

Basic Structural Design

Design concepts and practices for simple beams, columns, connectors and structures in wood, steel and reinforced concrete. Basic types and problems in design of foundations.

*** Prerequisite: ENIN 241 and ENGG 240 ***

ENEV 415 3:0-1

Environmental Systems Engineering Design Project and Communications

Preparation and presentation of a report on an approved systems engineering design project. Basics of preparing and presenting engineering reports.

*** Prerequisite: ENEV 400 ***

ENEV 421 3:3-3

Environmental Design and Impact

Environmental factors and their assessment with particular reference to engineering projects. Topics include mitigation measures and standards.

*** Prerequisite: ENEV 320 ***

ENEV 422 3:3-1

Solid and Hazardous Waste Management

Legislative trends; sources and characteristics of municipal solid waste; Recycling waste materials; Collection, transfer and transport; Disposal options; Sanitary landfill, incineration, composting and

bioconversion; Management and Planning; Hazardous Waste-Problems, impacts and treatment/ disposal.

*** Prerequisite: ENEV 320 ***

ENEV 435 3:3-1

Engineering Project Management

Fundamentals of project management in an engineering environment. Support functions of time management and conflict resolution. Performance management. Project planning, scheduling and cost control. Contracts, warranties and liabilities. Special topics.

*** Prerequisite: ENEV 334 ***

ENEV 440 3:3-3

Air Pollution Engineering

Air pollution effects and control regulations, atmospheric chemistry, air quality detection, pollution meteorology, air quality, modeling, air pollution control, techniques, and global atmospheric problems.

*** Prerequisite: ENEV 321 ***

ENEV 462 3:3-3

Engineering Hydrology

Introductory engineering hydrology course. Topics include rainfall, snowmelt, infiltration, evaporation, streamflow, flood frequency analysis, flood routing, and runoff modeling.

*** Prerequisite: ENEV 261, 334, and CS 110 ***

ENEV 463 3:3-3

Water Resources Systems

Water resources planning and management. Topics include planning for hydroelectric, flood control, water supply and irrigation projects; stochastic processes; synthetic streamflow generation; simulation and optimization of water resource systems.

*** Prerequisite: ENEV 462 ***

ENEV 465 3:3-3

Advanced Water and Wastewater Engineering

Advanced consideration of water and waste treatment systems and their components; sludge treatment and disposal; wastewater reclamation and reuse; effluent disposal.

*** Prerequisite: ENEV 363 ***

ENEV 469 3:3-3

Groundwater Development & Contaminant Transport

Basic principles of fluid flow in saturated and unsaturated materials, well problems, groundwater quality, discussion of salt water intrusion, and modeling of groundwater flow and contaminant transport.

*** Prerequisite: ENEV 261, ENEV 462, MATH 213 and ENEV 383 which may be taken concurrently. ***

ENEV 475 3:3-1

Traffic Engineering

Study of the characteristics of traffic flow and methods of traffic control; introduction to traffic flow and queuing theory; roadway capacity and level of service analysis; speed and volume studies; traffic signs and signalization; computer control systems; and, accident analysis.

** Prerequisite: ENEV 372 ***

ENEV 480 3:3-3

Terrain and Site Analysis

The application of airphoto, satellite imagery and geomorphological interpretation to regional engineering problems, to management of resources, and to monitoring of the environment. On-site investigation techniques.

*** Prerequisite: GEOL 102 ***

ENEV 484 3:3-3

Highway Design

Detailed geometric design of highways; functional and detailed geometric design of at-grade and grade separated intersections; and, introduction to design of flexible and rigid pavements.

*** Prerequisite: ENEV 281, 372, and 384 ***

ENEV 495 1-6:6-3

Directed Study in Engineering - an AA-ZZ series.

A special topics course in which the student may do directed study in engineering under the supervision of a faculty member.

* Note: A detailed outline of the proposed study must be approved by the program coordinator before registration. *

ENGG	Engineering General
Faculty of Engineering and Applied Science	

ENGG 051 - 054

0:0-0

Engineering Co-op Work Term

Four-month co-op work term approved by the Faculty and arranged by the University Co-op Office. Four work terms are required for co-op designation and are normally taken in sequence.

*** Prerequisite: ENGL 100 ***

ENGG 071

0:0-0

Engineering Internship Term I

Four month sequential internship terms approved by the Faculty and arranged by the University Co-op Office. The total number of internship terms must correspond to the placement agreement stipulating months of employment. Students will liaise with a Faculty mentor during internship.

ENGG 072

0:0-0

Engineering Internship Term II

Four month sequential internship terms approved by the Faculty and arranged by the University Co-op Office. The total number of internship terms must correspond to the placement agreement stipulating months of employment. Students will liaise with a Faculty mentor during internship.

*** Prerequisite: ENGG 071 ***

ENGG 073

0:0-0

Engineering Internship Term III

Four month sequential internship terms approved by the Faculty and arranged by the University Co-op Office. The total number of internship terms must correspond to the placement agreement stipulating months of employment. Students will liaise with a Faculty mentor during internship.

*** Prerequisite: ENGG 072 ***

ENGG 074

0:0-0

Engineering Internship Term IV

Four month sequential internship terms approved by the Faculty and arranged by the University Co-op Office. The total number of internship terms must correspond to the placement agreement stipulating months of employment. Students will liaise with a Faculty mentor during internship.

*** Prerequisite: ENGG 073 ***

ENGG 100

3:3-4

Engineering Graphics

Fundamentals of graphical communication and analysis. Manual and computer-aided sketching and drawing techniques; orthographic and pictorial projections; multi-view, isometric and oblique drawings; basic descriptive geometry; introduction to working drawings.

*** Prerequisite: ENGG 123 ***

ENGG 123

3:3-3

Engineering Design and Communications

Students will be introduced to the concepts of engineering design and communications. In addition, the consequences of engineering projects on society will be explored.

ENGG 141

3:3-2

Mechanics for Engineers - Dynamics

Engineering applications of mechanical systems; kinematics and kinetics of particles and rigid bodies (such as gears, linkages and other mechanisms), D'Alembert's Principle, work, energy impulse, momentum. Introduction to mechanical vibrations.

*** Prerequisite: ENGG 140 and MATH 111 (may be taken concurrently) ***

ENGG 240

3:3-2

Engineering Science I - Mechanics

The application of the principles of mechanics to engineering problems. Topics include resultants of force systems, laws of equilibrium, forces in simple structures, friction, centroids, moments of inertia, kinematics and kinetics.

*** Prerequisite: MATH 111 and PHYS 119 ***

ENGG 303

3:3-1

Engineering Economics and Evaluation

Evaluation of engineering systems; economic, social, environmental factors; engineering economics including interest, discounting,

methods of comparative costing, capital recovery; assessment of non-economic factors and trade-offs; evaluation presentation.

*** Prerequisite: STAT 289, and ECON 100 or ECON 201 ***

ENGG 330 3:3-3

Engineering Numerical Methods

Application of numerical methods to engineering problems; topics includes sources and definitions of error, root finding, solutions of linear and non-linear systems of equations, regression, interpolation, numerical integration and differentiation, solution of initial value and boundary value ordinary differential equations. Introduction to finite difference and finite element methods. Applications include solving problems with MATLAB and ANSYS.

***Prerequisite: STAT 289 and ENIN 233 ***

ENGG 401 3:3-0

Engineering Law and Professionalism

Canadian law and professional engineering legislation topics include: environmental law, tort liability, contracts, tenders, corporations partnerships, patents, industrial design, copyright, trademarks and code of ethics.

*** Prerequisite: One of ENEL 400, ENEV 400, ENIN 400, ENPE 400, or ENSE 400 ***

ENGG 436 3:3-0

Engineering Entrepreneurship

Explores the nature of engineering entrepreneurship; helps assess entrepreneurial potential and career strategy; identifies sources of new venture ideas; develops selection criteria, feasibility studies and venture proposal plans; and, addresses technological entrepreneurship in small and large organizations.

ENGL	English
Faculty of Arts	Department of English

FIRST-YEAR COURSES IN ENGLISH

Students with no previous University-level credit in English will take ENGL 100. In addition, students in the Faculties of Arts, Science, and Fine Arts, and students who wish to take senior courses in English, must take ENGL 110 (refer also to note 1 following the description of ENGL 110, below).

ENGL 100 3:3-0

Critical Reading and Writing I

This course develops students' proficiency in critical reading and writing through the study of a wide range of non-literary and literary texts, and the study of composition, with emphasis on connections between modes of reading and writing.

* Note: English 100 is a requirement for graduation for all degree programs offered by the University of Regina. Students should be aware that failing English 100 could result in their being ineligible to graduate from any degree program at the University of Regina. Students who are planning to repeat ENGL 100 should seek academic advising before doing so. *

ENGL 100AA 0:1.5-1.5

Critical Reading and Writing I (1st half)

This course carries no credit. ENGL 100AA together with ENGL 100AB cover the same material as is covered in ENGL 100. This course develops students' proficiency in critical reading and writing through the study of a wide range of non-literary and literary texts, and the study of composition, with emphasis on connections between modes of reading and writing.

* Note: ENGL 100AA and ENGL 100AB are intended for students who want a slower version of ENGL 100. *

ENGL 100AB 3:1.5-1.5

Critical Reading and Writing I (2nd half)

This course is a continuation of ENGL 100AA. Together with ENGL 100AA, it covers the same material as is covered in ENGL 100. This course develops students' proficiency in critical reading and writing through the study of a wide range of non-literary and literary texts, and the study of composition, with emphasis on connections between modes of reading and writing.

*** Prerequisite: ENGL 100AA ***

* Note: ENGL 100AA and ENGL 100AB are intended for students who want a slower version of ENGL 100. Students can receive credit for only one of ENGL 100 or ENGL 100AB. *

ENGL 110 3:3-0

Critical Reading and Writing II

A study of a special topic in literature, which may include non-literary texts, in conjunction with a continuation of the writing program begun in ENGL 100.

*** Prerequisite: ENGL 100 ***

* Note 1: Students who have passed former ENGL 100, Literature and Composition (4 credit hours) or former ENGL 120, 130, or 140 may not receive additional credit for ENGL 110. *

* Note 2: Every section of ENGL 110 has a different focus. Please consult the Department's Supplementary Calendar or the list of current course offerings on the Departmental website at: <http://www.arts.uregina.ca/english>. *

* Note 3: Students who fail ENGL 110 twice should contact their faculty or their federated college immediately. *

INTERMEDIATE COURSES IN ENGLISH

Students who have passed ENGL 100 and one of former ENGL 120, 130, or 140, and students who have passed former ENGL 100 (4 credit hours) in lieu of the prerequisite are eligible to take these courses.

ENGL 211 3:3-3

Literature Survey I

A survey of literature in English from the Middle Ages to 1800.

*** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 212 3:3-3

Literature Survey II

A survey of literature in English from 1800 to the present.

*** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 213 3:3-3

Survey of Canadian Literature

A survey of Canadian Literature in English from the pre-twentieth century to the present day.

*** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 221 3:3-3

Poetry

Practice in the analysis of poetry. Through the study of a wide range of poetic genres, this course provides students with a shared vocabulary of literary terms for the critical discussion of formal, stylistic and historical aspects of individual texts and of poetic traditions.

*** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 222 3:3-3

Fiction

Practice in the analysis of fiction. Through the study of a wide range of fictional genres, such as the short story, the novella and the novel, this course provides students with methods and vocabulary for the formal, stylistic, cultural and historical study of both individual texts and traditions of fiction.

*** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 223 3:3-3

Drama

Practice in the analysis of drama. Through the study of dramatic traditions and selected plays (considered both as written texts and as performance), this course provides students with methods and a shared critical vocabulary, to enhance their understanding, enjoyment, and critique of drama as a ritualized mode of cultural experience.

*** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 251 3:3-0

Expository and Persuasive Writing

The theory and practice of expository and persuasive writing. Each student will be expected to write several papers in a variety of modes of writing.

*** Prerequisite: A combined average of at least 60% in any two English courses numbered 100 or higher, and completion of at least 30 credit hours. ***

ENGL 252 3:3-0

Creative Writing I

An introduction to the craft of creative writing, with work in poetry, drama, and prose fiction.

*** Prerequisite: ENGL 100 and ENGL 110 ***

** Permission of the Department Head is required to register. **

* Note: All students wishing to enrol in this course must submit a sample of their creative writing and be interviewed by the instructor before registering. *

ENGL 260 **3:3-0**
The Structure of Modern English
 An introduction to the structure of modern English, with emphasis on speech sounds, sound patterns, word formation, sentence structure, and dialect variation.
 *** Prerequisite: ENGL 100, or a 100-level course in a language or in linguistics ***
 * Note: Students who have successfully completed LING 200 or FR 226 are not permitted to enrol in this course for credit. *

SENIOR COURSES IN ENGLISH

The normal prerequisites for these courses are ENGL 100 and ENGL 110. Students who have passed ENGL 100 and one of former ENGL 120, 130, or 140, and students who have passed former ENGL 100 (4 credit hours) are also eligible to take these courses. Students who are planning to major in English should, if possible, complete ENGL 211 and at least one of ENGL 221, 222, or 223 before enrolling in 300-level courses.

Please note that many of the courses listed below will be assigned a more specific title denoting the particular focus to be taken in each section. Students should consult the department's Supplementary Calendar or the website at <http://www.arts.uregina.ca/english> for these specific titles and for more detailed course descriptions before registering. Students may take more than one course under the same number, as long as the number is followed by a different letter combination.

ENGL 300 **3:3-0**
Chaucer
 A study of some of the major works of Chaucer, including selections from "The Canterbury Tales".
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 301 **3:3-0**
Shakespeare: Comedies and Romances
 A study of five to seven of Shakespeare's comedies and romances.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 302 **3:3-0**
Shakespeare: Histories and Tragedies
 A study of five to seven of Shakespeare's histories and tragedies.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 303 **3:3-0**
Milton
 A study of some of Milton's major works, including "Paradise Lost".
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 304 **3:3-0**
Selected Author - an AA-ZZ series.
 Studies of the works of an author to be chosen and announced each semester.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 309 **3:3-3**
Methods for the Study of Individual Authors
 An exploration of methods used in the study of literary works in the context of their author's canon. Students will be required to write papers which analyze works in this context.
 *** Prerequisite: ENGL 100 and ENGL 110 ***
 * Note: Formerly numbered ENGL 200. Students may not receive credit for both ENGL 309 and ENGL 200. *

ENGL 310 **3:3-0**
Studies in the Literature of the Indigenous Peoples of North America - an AA-ZZ series.
 Studies of selected texts from North American Indigenous literature, with attention given to historical perspective. *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 312 **3:3-0**
Canadian Literature: Historical Periods - an AA-ZZ series.
 Studies of selected texts from Canadian literature, with attention given to a particular historical period.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 313 **3:3-0**
Canadian Literature: Regional Literatures - an AA-ZZ series.
 Studies of selected texts from Canadian literature, with attention given to a particular region.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 314 **3:3-0**
Canadian Literature: Genre - an AA-ZZ series.
 Studies of selected texts from Canadian literature, with attention given to a particular genre.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 315 **3:3-0**
Canadian Literature: Special Topics - an AA-ZZ series.
 Studies of selected texts from Canadian literature, with a focus to be chosen and announced with each offering.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 316 - 318 **3:3-0**
Studies in American Literature - an AA-ZZ series.
 Studies of selected texts from American literature, with attention given to historical perspective.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 319 - 321 **3:3-3**
Studies in Women's Literature - an AA-ZZ series.
 Studies of selected texts written by women, with attention given to historical perspective.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 322 **3:3-0**
Studies in the World Literatures in English - an AA-ZZ series.
 Studies of literature from areas of the world that have experienced colonization.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 325 - 327 **3:3-0**
Studies in Medieval Literature - an AA-ZZ series.
 Studies of selected texts from the Middle Ages, with attention given to historical perspective.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 328 - 330 **3:3-3**
Studies in Renaissance Literature - an AA-ZZ series.
 Studies of selected texts from the Renaissance, with attention given to historical perspective.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 331 - 333 **3:3-0**
Studies in Restoration and Eighteenth Century Literature - an AA-ZZ series.
 Studies of selected texts from the Restoration period and the eighteenth century, with attention given to historical perspective.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 334 - 337 **3:3-0**
Studies in Nineteenth Century Literature - an AA-ZZ series.
 Studies of selected texts from the nineteenth century, with attention given to historical perspective.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 338 - 341 **3:3-0**
Studies in Twentieth Century Literature - an AA-ZZ series.
 Studies of selected texts from the twentieth century, with attention given to historical perspective.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 342 **3:3-0**
Special Studies in Historical Approaches to Literature - an AA-ZZ series.
 Studies of selected texts in a specially defined context. The particular focus of the course will be chosen and announced each semester.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 349 **3:3-3**
Methods for the Study of Literary History
 An exploration of methods used in the reading of literary texts in a historical context. Students will be required to write papers which analyze literary texts by means of historical approaches.
 *** Prerequisite: ENGL 100 and ENGL 110 ***
 * Note: Formerly numbered ENGL 210. Students may not receive credit for both ENGL 349 and ENGL 210. *

ENGL 351 **3:3-0**
Advanced Writing
 An advanced course in the theory and practice of writing. Each student will be required to write several papers.
 *** Prerequisite: ENGL 251 or permission of the Department Head ***

ENGL 352 Creative Writing II - an AA-ZZ series. An advanced course in the craft of creative writing. The course will specialize in one genre of writing each semester. *** Prerequisite: ENGL 252 *** ** Permission of the Department Head is required to register. ** * Note: All students wishing to enrol in this course must submit a sample of their creative writing and be interviewed by the instructor before registering. *	3:3-0		
ENGL 353 Creative Writing III An advanced course in the craft of creative writing. Each student will be expected to produce a substantial body of work as the main assignment for the course. *** Prerequisite: ENGL 352 *** ** Permission of the Department Head is required to register. ** * Note: All students wishing to enrol in this course must submit a manuscript of their creative writing and be interviewed by the instructor before registering. *	3:3-0		
ENGL 354 Creative Non-Fiction An advanced class in the craft of writing creative non-fiction. *** Prerequisite: ENGL 251 *** ** Permission of the Department Head is required to register. All students wishing to enrol in this course must submit samples of their creative writing and be interviewed by the instructor before registering. **	3:3-3		
ENGL 360 History of the English Language The development of the English language from Germanic to Modern English, including changes in phonology, morphology, syntax, and vocabulary. *** Prerequisite: ENGL 260 or LING 100 or LING 200 ***	3:3-0		
ENGL 361 Old English I A basic introduction to the Old English language, in conjunction with a study of short prose and verse texts. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 362 Old English II A continuation of ENGL 361, with emphasis on reading literary texts, including selected parts of Beowulf. *** Prerequisite: ENGL 361 ***	3:3-0		
ENGL 363 History of Rhetoric A chronological study of theories of rhetoric and rhetorical practice. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 365 Discourse Analysis An introduction to the analysis of units of language larger than the sentence, such as paragraphs, dialogues, monologues, written essays, and stories. *** Prerequisite: ENGL 100 and ENGL 110, or LING 220 ***	3:3-0		
ENGL 367 Gender and Language A study of issues related to gender and language, including stylistic variation between the sexes, differing male and female strategies for dealing with social context, and sexist language. *** Prerequisite: ENGL 100 and 110, or LING 220 *** * Note: This course is cross-listed with WGST 367. Students may not receive credit for both ENGL 367 and WGST 367. *	3:3-0		
ENGL 368 Special Studies in Language and Writing - an AA-ZZ series. Studies of specific issues in language and/or writing. The particular focus of the course will be chosen and announced each semester. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-3		
ENGL 369 Methods for the Study of Linguistics and Literature An exploration of methods used in reading and interpreting literary texts through linguistic analysis. Students will be required to write papers which interpret literary texts by the methods of linguistics. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-3		
			* Note: Formerly numbered ENGL 250. Students may not receive credit for both ENGL 369 and ENGL 250. *
ENGL 371 - 373 Studies in the Novel - an AA-ZZ series. A study of several novels from a generic perspective, with the particular focus to be chosen and announced each semester. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-3		
ENGL 374 - 376 Studies in the Short Story - an AA-ZZ series. A study of several short stories from a generic perspective, with the particular focus to be chosen and announced each semester. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 377 - 379 Studies in Drama - an AA-ZZ series. A study of several plays from a generic perspective, with the particular focus to be chosen and announced each semester. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 380 - 383 Studies in Poetry - an AA-ZZ series. A study of several poems from a generic perspective, with the particular focus to be chosen and announced each semester. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 384 - 385 Studies in Narrative - an AA-ZZ series. A study of several narrative texts, with a focus to be chosen and announced each semester. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 386 - 387 Special Studies in Genre - an AA-ZZ series. A study of various literary texts, with a specialized approach to the question of genre. The specific focus of the course will be chosen and announced each semester. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 388 Methods for the Study of Literary Genre An exploration of methods used in the study of literary genres. Students will be required to write essays which analyze literature according to generic approaches. *** Prerequisite: ENGL 100 and ENGL 110 *** * Note: Formerly numbered ENGL 270. Students may not receive credit for both ENGL 388 and ENGL 270. *	3:3-3		
ENGL 390 History of Criticism A chronological study of theories of literary criticism from Plato to T.S. Eliot. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 391 Contemporary Critical Theory and Practice I A study of the rise and development of critical theory and practice from the early formalisms through structuralism. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 392 Contemporary Critical Theory and Practice II A study of the development of critical theory and practice in the era of poststructuralism and postmodernism. *** Prerequisite: ENGL 391 ***	3:3-0		
ENGL 393 Feminist Approaches to Literature An overview of feminist critical theory, with applications to several literary texts. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		
ENGL 394 Special Studies in Gender and Literature - an AA-ZZ series. A study of several texts, with a specialized focus on the question of gender. The special topic of each course will be chosen and announced each semester. *** Prerequisite: ENGL 100 and ENGL 110 ***	3:3-0		

ENGL 395 **3:3-0**
Special Studies in Critical Theory - an AA-ZZ series.
 Special topics in the area of critical theory. The particular focus of each course will be chosen and announced each semester.
 *** Prerequisite: ENGL 100 and ENGL 110 ***

ENGL 399 **3:3-3**
Methods for the Study of Literary Theory
 An exploration of methods used in some recent approaches to reading literary texts. Students will be required to write papers which offer textual readings based on the application of these approaches.
 *** Prerequisite: ENGL 100 and ENGL 110 ***
 * Note: Formerly numbered ENGL 290. Students may not receive credit for both ENGL 399 and ENGL 290. *

ADVANCED MAJORS AND HONOURS COURSES IN ENGLISH

400-level courses are intended for advanced English majors and English honours students only. For admission to the courses, students must have completed a minimum of 60 credit hours and have an average of at least 70% both overall and in English courses. They must also have successfully completed a minimum of 18 credit hours in ENGL courses, at least 3 hours of which must be at the 300-level. Note: 4XX AA-ZZ will be restricted to students formally accepted to the Honours program or permission of the department head.

ENGL 400 **3:0-3**
Studies in Old English Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 405 **3:0-3**
Studies in Middle English Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 410 **3:0-0**
Studies in 16th-Century Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 415 **3:0-3**
Studies in 17th-Century Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 420 **3:0-3**
Studies in Restoration and 18th-Century Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 425 **3:0-3**
Studies in Romantic Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 430 **3:0-3**
Studies in Victorian Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 435 **3:0-3**
Studies in 20th-Century Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 440 **3:0-3**
Studies in Canadian Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 445 **3:0-3**
Studies in American Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 450 **3:0-3**
Studies in English Language - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 455 **3:0-3**
Studies in Prose Fiction - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 460 **3:0-3**
Studies in Drama - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 465 **3:0-3**
Studies in Poetry - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 470 **3:0-3**
Studies in Form - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 475 **3:0-3**
Special Studies in Genre - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 480 **3:0-3**
Studies in Literary Criticism and Theory - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 485 **3:0-3**
Special Studies in Literature - an AA-ZZ series.
 ** Intended for Honours or prospective Honours students only.
 Students who are not English Honours majors require permission of the Department Head to register. **

ENGL 490 **3:0-3**
Honours Essay I
 Work towards an Honours Essay. Students will be expected to submit a draft or preliminary work. As an alternative to a scholarly treatise, the essay may take the form of a creative work with a critical introduction.
 *** Prerequisite: Completion of 90 credit hours ***
 ** Permission of the Department Head is required to register **

ENGL 491 **3:0-3**
Honours Essay II
 Completion of an Honours Essay, which will be graded by the supervisor in consultation with another member of the faculty. As an alternative to a scholarly treatise, the essay may take the form of a creative work with a critical introduction.
 ** Permission of the Department Head is required to register. **

ENHS	Environmental Health and Science
Faculty of Engineering and Applied Science	First Nations University of Canada

ENHS 100 **3:3-2**
Environmental Health Communications
 Instruction and practice in oral and written communication skills pertinent to environment health practice. The course emphasizes life-long learning and public relations in a First Nations context. Topics include: oral presentations; communications in conflict, non-conflict,

and management situations; working with the media; effective development of reports, letters, and educational material.

*** Prerequisite: CS 100 and ENGL 100 ***

ENHS 101 3:3-0

Health Administration

An overview course concerned primarily with major administrative concepts for health professionals.

*** Prerequisite: INHS 101 and ENGL 100 ***

ENHS 210 3:3-0

International Health Issues

An examination of the organization and delivery of community and environmental health programs internationally, with an emphasis on issues affecting Indigenous peoples in developing countries. Using a case study approach, the contribution of education, technology, indigenous beliefs and practices, economic and political systems, and foreign aid will be assessed.

*** Prerequisite: INHS 101 and ENHS 100 ***

ENHS 300 3:3-0

Research Methods

An introduction to research design and methods with reference to frameworks commonly used in environmental health. Students will read and interpret research literature in environmental health and science. They will gain an understanding of the ethical and practical considerations of conducting research particularly in reference to First Nations.

*** Prerequisite: ENHS 210, ENGL 100, and CS 100 ***

ENHS 305 3:3-0

Environmental Economics and Community Development

Community development and environmental health planning in First Nations are explored with an emphasis on the impact of economic factors on environmental health and science issues. Includes an overview of the principles of environmental economics.

*** Prerequisite: ENHS 210 ***

ENHS 310 3:3-3

Food Hygiene and Protection I

An introduction to the composition and structure of food. Topics include an overview of human nutrition, comparative nutritional value of foods, additives, contamination, spoilage, and preservation of food, with a focus on foods such as meat, fish, milk, and milk products. The course emphasizes examples from First Nations settings.

*** Prerequisite: BIOL 220 or 221, and CHEM 240 ***

ENHS 311 3:3-3

Food Hygiene and Protection II

An examination of health protection in the manufacture, preparation, and serving of food in commercial and domestic situations. The course reviews relevant legislation regarding food and food facilities, inspection techniques, hazard analysis, and control strategies. Examples of food handling situations in First Nations settings are provided.

*** Prerequisite: ENHS 310 ***

ENHS 320 3:3-0

Community Health and Epidemiology I

Introduces the basic principles and methods of epidemiology in environmental health practice including outbreak investigations, the principles and methods of epidemiologic study design, analysis of data and interpretation of results. Examples of communicable and non-communicable disease epidemiology in First Nations are included.

*** Prerequisite: STAT 151 or STAT 289, BIOL 220 or 221, and KHS 267 ***

ENHS 321 3:3-3

Community Health and Epidemiology II

Students learn to apply epidemiologic principles to gain an understanding of the prevention and control of communicable diseases and environmental health hazards. Emphasis will be placed on communicable disease epidemiology, especially for communicable diseases that are relevant to First Nations.

*** Prerequisite: ENHS 320 ***

ENHS 340 3:3-3

Human Environment Impact

(Essentially same as ENEV 320). Effects of human impact on environments; air, water, wildlife, soil, vegetation. Departmental health and safety. Emphasis on First Nations examples.

*** Prerequisite: CHEM 102 or CHEM 103, and BIOL 100 ***

* Note: STUDENTS MAY NOT RECEIVE CREDIT FOR ENHS 320 AND ENEV 320. *

ENHS 350 3:3-3

Land Use/Management

A comprehensive study of land use, land reclamation, development, planning, and reviews. Special attention will be given to issues of importance of First Nations communities.

*** Prerequisite: ENHS 340 or ENEV 320 ***

ENHS 380 3:3-3

Environmental Health Research Project I

An introduction to research design and methods including critical appraisal of environmental health and science research. Students will gain an understanding of ethical and practical considerations of conducting research particularly in reference to First Nations. Includes practical experience in research project development and data analysis.

*** Prerequisite: ENGL 100, ENHS 320, INHS 210, and CS 100 ***

ENHS 401 3:3-0

Water and Wastewater Management

Introduction to the theory and design of water treatment and distribution systems, wells, cisterns, surface water systems, wastewater treatment and the principles of hydrology and hydraulics. Special attention is given to safe water supply designs for First Nations. The course reviews recreational water maintenance including lakes and swimming pools.

*** Prerequisite: PHYS 119, and ENEV 321 or ENHS 400 ***

ENHS 420 3:3-3

Environmental Health Law and Ethics

Provides knowledge about the main types of legislation encountered by environmental health personnel including enforcement, evidence collection, appropriate use of regulatory tools, development of prosecution beliefs, and prosecution and courtroom procedures. Special attention is given to the current status of and the development of appropriate health regulations for First Nations.

*** Prerequisite: ENHS 321 ***

ENHS 422 3:3-0

Shelter Environment

Introduction to basic principles of modern shelter and building codes emphasizing plumbing, heating, ventilation, lighting, and chemical and biological hazards associated with dwellings, hospitals, schools, offices, nursing homes, campgrounds, and daycares. Land-use planning and environmental health in emergency situations are reviewed. Issues are placed in a First Nations context.

*** Prerequisite: PHYS 119, ENHS 350, and ENHS 435 ***

ENHS 430 3:3-0

Health Concerns in the Workplace Environment

Health and safety hazards found in the workplace environment are studied with special emphasis placed on common occupational health hazards in First Nations. Explores common workplace hazards, their causes and effects, and prevention measures; reviews risk assessment including probability of failure, hazard analysis, human reliability, and risk-based decision making.

*** Prerequisite: ENHS 340 or ENEV 320 ***

ENHS 435 3:3-0

Pest Control

Control of pests, particularly rodents and arthropods which act as vectors in disease spread, with emphasis on diseases significant to First Nations. Chemical and biological pest control methods, their use, cost, regulation, and safety measures are included. The spread and control of vertebrate-borne diseases like rabies and salmonellosis are discussed.

*** Prerequisite: BIOL 220 or 221, and KHS 267 ***

ENHS 440 3:3-0

Environmental Toxicology

An introduction to the basic principles of environmental toxicology, the chemistry and source of toxic substances, and the human exposure and dose-response relationships. The methodologies, data sources, uncertainties and procedures for risk assessment are covered. The course emphasizes environmental toxins of concern to First Nations.

*** Prerequisite: ENHS 340 or ENEV 320, and KHS 267 ***

ENHS 468 3:3-3

Environmental Health Methodology and Practice

This course, taught primarily by qualified inspectors, will give students an understanding of how inspectors apply knowledge, skills in actual

practice. Topics include: biomedical waste management; recreational water quality; swimming pool operation; health education; infection emergency health; report writing; adult care, day care, personal service; and, intensive livestock operations.

*** Prerequisite: ENHS 420 ***

ENHS 481 3:3-0

Environmental Health Research Project II

Work begun in ENHS 380 will conclude with a written and oral report. Evaluations from any agencies, governmental departments, or private sector employers will form an integral part of the evaluations.

*** Prerequisite: ENHS 380 ***

ENIN	Industrial Systems Engineering
Faculty of Engineering and Applied Science	

ENIN 233 3:3-2

System Dynamics

Lumped parameter linear analysis methods for mechanical, electrical, fluid and thermal systems. Linear differential equations to analyze system response to step and sinusoidal forcing functions. Analogous nature of these systems.

*** Prerequisite: MATH 217 (concurrent enrolment allowed) ***

ENIN 241 3:3-3

Mechanics of Deformable Solids

Introductory mechanics of materials, stresses and strains in two dimensions, torsion, indeterminate systems, beams - stresses and deflection, combined stresses, thin shells, columns, and Mohr's circle for stress and strain.

*** Prerequisite: ENGG 240 and MATH 110 ***

ENIN 253 3:3-2

Engineering Thermodynamics

Fundamental laws of thermodynamics and their application to various engineering systems. Ideal and actual processes, power and refrigeration cycles.

*** Prerequisite: MATH 213 ***

ENIN 330 3:3-3

Simulation and Modelling

Engineering approaches to model building and simulation of continuous and discrete systems. Simulation languages. Numerical methods in continuous systems modeling. Case studies in discrete systems simulation.

*** Prerequisite: STAT 289 and ENIN 233 ***

ENIN 340 3:3-2

Human Factors Engineering

Anatomical, physiological, and psychological aspects of people in their work environment. Sensory processes and motor function, health, and morale. Social factors, stress, and psychosomatic effects. Work standards, safety, and schedules.

*** Prerequisite: ENIN 233 ***

ENIN 343 3:3-3

Manufacturing Processes and Machinery

Manufacturing processes, methods, and related equipment. Foundry, heat treatment, and welding. Operational characteristics of manufacturing and manufacturing support machinery and equipment. Basic structure and properties of metals.

*** Prerequisite: ENIN 241 ***

ENIN 349 3:3-3

Industrial Machine Design

Machine design problems using analysis and codes. Machines components and meshing components to achieve machine function. Elementary stress analysis of equipment configuration. Tolerances and allowances. Design drawings.

*** Prerequisite: ENIN 241 ***

ENIN 350 3:3-2

Chemical Manufacturing Process

Mass and energy balances in chemical process industries. Applications including the petrochemical, pulp and paper, and mining industries. Environmental problems, thermodynamics, stoichiometry, chemical reactions, and computer applications.

*** Prerequisite: CHEM 103 and ENIN 253 (concurrent enrolment is allowed) ***

ENIN 355 3:3-4

Heat Mass and Momentum Transfer

Differential equations of momentum, heat and mass transfer; dimensional analysis; heat conduction and convection; boiling and condensation; molecular diffusion; convective mass transfer; and, analogies between momentum, heat and mass transfer.

*** Prerequisite: ENIN 253 and ENIN 350 ***

ENIN 370 3:3-3

Introduction to Mechatronics

Introduction to mechatronics; sensors and transducers, signal conditioning, mechanical and electrical actuation systems. Control of DC/servo motors using Pulse Width Modulation; system modeling, dynamic response of systems, closed-loop controllers, microcontrollers, digital logic, and programmable logic controllers.

*** Prerequisite: ENEL 280 and ENIN 233 ***

ENIN 400 1:1-3

ISE Project Start-up

Students form design teams and select a project topic and faculty supervisor. Each team develops a project proposal, which is presented both orally and in written form.

*** Prerequisite: ENGG 113 and ENIN 453. Concurrent enrolment allowed in ENIN 453. ***

ENIN 413 3:0-1

ISE Team Design Project and Communications

Student's team design project is to be completed, written in acceptable report form and presented. Instruction will be given on the preparation and presentation of engineering reports in various audio/visual media.

*** Prerequisite: ENIN 400 ***

ENIN 430 3:3-2

Systems Management

Approaches to management and optimization through problem identification, formulation, and qualitative and quantitative solutions.

*** Prerequisite: BUS 260 (concurrent enrolment is allowed) ***

ENIN 433 3:3-2

Risk Assessment and Decision Analysis

Probability of failure, hazards analysis, human reliability, reliability assessment, event tree and fault tree analysis and risk-based decision-making; decision consideration, inspection, testing and maintenance for critical components.

*** Prerequisite: STAT 289 and MATH 217 ***

ENIN 440 3:3-2

Statistical Quality Control

Assessment and control of manufacturing processes using control charts. Quality inspection using acceptance sampling plans. Statistical tolerancing and process capability studies.

*** Prerequisite: STAT 289 ***

ENIN 444 3:3-3

Computer-Aided Engineering

Computerized design aids, finite element analysis, design verification, simulation and testing. Control fundamentals as applied to numerical control machine systems. Specification, design, implementation and documentation of a design system. Robotics.

*** Prerequisite: ENIN 370 and CS 110 ***

ENIN 445 3:3-3

Computer Integrated Manufacturing

Components of computer-integrated manufacturing systems. Numerical controlled machines. Robot technology, group technology, and flexible manufacturing systems. Computer-aided process planning, inspection and quality control, and automated storage and retrieval systems.

*** Prerequisite: ENIN 343 ***

ENIN 448 3:3-3

Facilities Planning and Design

Approaches to establishing location and layout of space, equipment, and services for industrial facilities. Criteria and data for generating alternatives. Material handling, flow, and balance. Environmental, human, and cost consideration.

*** Prerequisite: ENIN 343 ***

ENIN 453 3:3-3

Mechanical Systems Equipment

Design, operation, and application characteristics of service equipment commonly used in manufacturing and process plant

operations and facilities. Topics include compressors, pumps, piping systems, valves, hydraulic systems, fans, and heat exchangers.

*** Prerequisite: ENIN 253 and ENEV 261 ***

ENIN 455 3:3-2

Energy Systems

Examination of a variety of existing and potential systems involving production, consumption, and environmental impact of chemical, electrical, and mechanical energy. Energy systems. Heat transfer and thermodynamic analysis. Economic analysis.

*** Prerequisite: ENIN 253 ***

ENIN 456 3:3-3

Process Unit Operations and Design

Principles and equipment design for momentum, heat, and mass transfer operations in industries such as petrochemical and refining, mining and mineral processing, pulp and paper, and food processing.

*** Prerequisite: ENIN 355 (concurrent enrolment is allowed) ***

ENPE	Petroleum Systems Engineering
Faculty of Engineering and Applied Science	

ENPE 241 3:3-3

Introduction to Petroleum Engineering

Exposure to various disciplines within petroleum engineering including drilling, production, and reservoir engineering; professionalism and ethics in petroleum engineering.

*** Corequisite: GEOL 102 ***

ENPE 250 3:3-0

Properties and Phase Behaviour of Petroleum Systems

Review of first and second law principles. Physical, chemical, and thermodynamic properties of fluids and solutions; vapour-liquid equilibrium, PVT relationships of petroleum fluid systems, compressibility, and flash calculations.

*** Prerequisite: ENPE 240 ***

ENPE 251 3:3-2

Reservoir Fluid Properties

Qualitative and quantitative phase behavior of petroleum reservoir fluids through the algebraic and numerical application of thermodynamic theory, equations of state, and empirical correlations; determination of engineering PVT parameters; and, phase behaviour of hydrocarbon systems.

*** Prerequisite: MATH 217 (concurrent enrolment allowed) ***

ENPE 300 3:3-3

Fundamentals of Reservoir Engineering

Relationship of geology, basic reservoir properties, surface and interfacial phenomena, and the flow of fluids through porous media; general material balance, steady state, and transient models; classification of petroleum reservoirs, displacement of oil and gas, and reservoir estimation principles.

*** Prerequisite: ENPE 241 and 251 ***

ENPE 301 3:3-3

Petroleum Systems Engineering I

Introduction to derivation and solution of the equations describing flow in petroleum reservoirs; description of petroleum reservoir fluid and rock properties; and, log analysis, well testing, drilling, facilities, production engineering, and integrated management systems approach.

*** Prerequisite: ENIN 253 ***

ENPE 302 3:3-3

Applied Reservoir Engineering

Analysis and prediction of reservoir performance by use of material balance. Reservoir performance by use of decline curves. Pressure maintenance, oil trapping, capillary number correlations, fluid displacement, fractional flow, displacement efficiency, areal and vertical sweep efficiencies, waterflooding design, and gas injections.

*** Prerequisite: ENPE 251 and ENPE 300 ***

ENPE 355 3:3-4

Heat, Mass and Momentum Transfer

Differential equations of momentum, heat and mass transfer; dimensional analysis; heat conduction and convection; boiling and condensation; molecular diffusion; convective mass transfer; analogies between momentum, heat, and mass transfer.

*** Prerequisite: ENIN 253 ***

ENPE 370 3:3-3

Petroleum Production Operations

Principles of oil and gas production. Artificial lift, inflow performance relationships, well stimulation, and production system design.

*** Prerequisite: ENPE 300 and ENEV 261 ***

ENPE 371 3:3-3

Petroleum Stimulation Process

Acid stimulation, fracture stimulation. Cement squeeze and other areas involved in the stimulation process.

*** Prerequisite: ENPE 301 ***

ENPE 380 3:3-3

Petroleum Treating Operations

Petroleum treating processes. Multiphase Separation equipment design and operations; hydrocyclones, desalination, dehydration, hydrate, prevention, emulsion treating, and viscosity altering processes.

*** Prerequisite: ENIN 355 ***

ENPE 381 3:3-3

Natural Gas Engineering

Determination of gas properties; estimation of reserves, material balance equation, decline curve analysis, and deliverability of individual gas wells. Single and multiphase flow in pipes, gas-condensate reservoirs; design of production facilities, metering, compression, gas storage, transmission and pipeline transportation.

*** Prerequisite: ENPE 241 and 251 ***

ENPE 400 1:1-0

ENPE Project Start-up

Definition of petroleum engineering design problems; identification of projects' topics, partners, and supervisors; proposal writing for engineering projects; approaches for carrying out the research and design; and, approaches for communicating research and design results.

*** Prerequisite: ENPE 241, ENPE 251, ENPE 300, ENPE 302, and ENPE 370. Concurrent enrolment allowed in ENPE 302 and 370. ***

ENPE 410 3:3-3

Enhanced Oil Recovery Methods

Displacement processes for recovering additional hydrocarbons. Waterflooding, gas flooding, solvent flooding, and thermal recovery processes. Development of design techniques.

*** Prerequisite: ENPE 300 and 302 ***

ENPE 419 3:0-1

PSE Design Project and Communications

Student's team design project is to be completed in an acceptable written and oral report form. Instructions will be given on the preparation and presentation of the engineering report related to the petroleum industry.

*** Prerequisite: ENPE 400 ***

ENPE 440 3:3-3

Well Logging and Formation Evaluation

Fundamentals of well logging for the determination of petrophysical properties in the near bore region, types of well logging devices, and applications of well logs for petroleum system management.

*** Prerequisite: ENPE 241 ***

*** Corequisite: ENPE 460 ***

ENPE 450 3:3-3

Well Testing

Basic principles of well testing and interpretation for oil and gas production, pressure transient theory, principles of superposition, and application of well testing to homogeneous and heterogeneous reservoirs.

*** Prerequisite: ENPE 300 ***

ENPE 460 3:3-3

Drilling Engineering

Drilling fluids, rotary drilling, drilling hydraulics, formation pore pressure and fracture resistance, casing design, directional drilling, horizontal drilling, and drilling waste disposal.

*** Prerequisite: ENPE 300 and ENEV 261 ***

ENPE 470 3:3-3

Reservoir Modelling

Fundamentals of modeling in petroleum engineering. Simulation methods as applied to specific problems in petroleum reservoir behavior; examples will be drawn from primary, secondary, and tertiary recovery phases of petroleum production.

*** Prerequisite: ENPE 300 and ENIN 330 ***

ENPE 475 3:3-3

Evaluation of Oil and Gas Properties

General business skills related to the understanding of oil field cash flow projections, rate of return, royalties, taxes and other factors in measuring value creation as it relates to the petroleum industry.

*** Prerequisite: ENPE 300, 302 and ENGG 303 ***

ENPE 486 3:3-3

Heavy Oil Recovery

Thermal Recovery Methods, theory and practice of thermal recovery methods; steam drive, cyclic steam injections, and insitu combustion. Models of combined mass energy transport. Estimates of heated reservoir volume and oil recovery performance. Wellbore heat losses and recovery production.

*** Prerequisite: ENPE 302, 370 and ENIN 355 ***

ENPE 490 3:3-3

Petroleum Waste Management

Prevention and mitigation techniques in pipeline and oil field spills. Downhole disposal of waste fluids, surface disposal of oil field wastes, fire and other hazards, H₂S and other toxic gases, and safety standards.

*** Prerequisite: ENPE 301 or ENEV 320 ***

ENPE 494 3:3-3

Health, Safety, Loss and Prevention

Facilitate the concepts of health, safety, loss and prevention as it relates to momentum, heat and mass transfer, thermodynamics, process control and design. Increase the recognition of the responsibility of the professional engineer in health, safety, loss and prevention.

*** Prerequisite: ENPE 301 or ENEV 320 ***

ENPE 495 1-6:6-0

Directed Study in Engineering - an AA-ZZ series.

A special topics course in which the student may do directed study in petroleum engineering under the supervision of a faculty member.

** A detailed outline of the proposal study must be approved by the Program Chair before registration. **

ENSE	Software Systems Engineering
Faculty of Engineering and Applied Science	

ENSE 350 3:3-3

Mathematical Programming for Software Engineers

Applications of graph theory, algorithm complexity models, and numerical methods to Software Engineering.

*** Prerequisite: MATH 110, MATH 122 and CS 210 ***

ENSE 400 1:1-0

ENSE Project Start-up

Students are given the opportunity to propose, develop and present engineering design projects which they are expected to further pursue in ENSE 477. Issues of safety, feasibility, and engineering responsibility are discussed. Student form design teams in this class and are expected to write a project plan document, compose a preliminary design document, and present their project to their fellow students.

*** Prerequisite: ENEL 390, ENEL 380, and ENEL 387. Concurrent enrolment allowed in ENEL 387. ***

ENSE 470 3:3-3

Software Systems Design

This course introduces issues that arise in large-scale software projects. Topics: introduction to software process, requirements analysis, UML, object modelling, design patterns, API design principles, debugging and testing strategies, performance, portability. Both individual and group programming projects will be assigned.

*** Prerequisite: CS 215 and CS 372 ***

ENSE 471 3:3-3

User Interface Programming

This course focuses on the design and implementation of computer-based user interfaces. Topics: software architectures for interaction, computer graphics, I/O devices, user interface design methodologies and principles, user interface evaluation.

*** Prerequisite: CS 215 and CS 372 ***

ENSE 472 3:3-3

Digital Networks

Introduction to information theory; network architectures and LAN implementation/configuration; network administration principles; communication protocols (i.e. TCP/IP, ATM, SONET, FDDI); transmission and interconnect standards (i.e. JPEG, MPEG, RS232); internet applications, wireless networks, physical lines (i.e. fibre, twisted pair, coax), interfaces (modems); networks performance, troubleshooting and system security.

*** Prerequisite: CS 215 ***

ENSE 473 3:3-3

Operating Systems for Industrial Applications

Characteristics and analysis of real time systems; specifications for industrial system applications and operating system issues that impact on interfacing, communications and digital designs; industry standards and reliability; exposure to some current systems (i.e., UNIX, OS/2, WINDOWS etc.); fundamental operating system concepts such as resource management, process scheduling, memory management and I/O control.

*** Prerequisite: CS 215 ***

ENSE 474 3:3-0

Software Process Management

Planning, organizing, staffing, directing and controlling software projects; CMM and ISO 9000 process improvement models; life cycle deliverables; case studies of software projects; exposure to a team software project.

*** Prerequisite: CS 215 and CS 372 ***

ENSE 475 3:3-0

Software Testing and Validation

Software testing strategies; functional and structural testing, unit and integration testing, system testing, acceptance tests, ATE systems, test executives, diagnostic design and ensuring testability; simulation for missing components; risk and reliability analysis, safety critical systems, security tests.

*** Prerequisite: CS 215 and CS 372 ***

ENSE 477 3:0-8

Software Systems Engineering Design Project

Students work in teams on a practical software system project, requiring the following application of software engineering fundamentals: requirement gathering and analysis, appropriate software methods and tools, testing and validation, and software process management. This course reinforces the engineering approach to development of a software system.

*** Prerequisite: CS 230, CS 372, ENEL 387, and ENSE 400 ***

ENSE 480 3:3-3

Knowledge Base and Information Systems

This course analyzes the fundamentals of industrial knowledge management. Students will learn how to analyze a company and how to produce an information system. Topics include the fundamentals of Knowledge Base Management Information Systems and their impact on the business process, engineering an information system, Workflow Management Design, and reengineering for change management.

*** Prerequisite: CS 372 ***

ENSE 481 3:3-3

Embedded Systems and Co-design

Embedded systems are increasingly common in modern systems design. This course will teach students how to take advantage of embedded systems technology in their system designs. Topics include: advanced microcontroller real-time design, co-design, embedded systems design issues, power considerations, and wireless considerations.

*** Prerequisite: CS 372, ENEL 387, and ENEL 487 ***

ENSE 482 3:3-3

New Media technology

This course aims to provide a basic level of understanding to make it possible for engineers to work with designers and understand some of the constraints within New Media design. Topics include: definition of New Media, New Media narratives, Multimedia, integration, intermedia, the basic tools, and New Media design.

*** Prerequisite: CS 372 ***

ENSE 483 3:3-3

Digital Wireless Systems

This course provides the skills necessary to understand and use systems from the point of view of protocol, bandwidth, and spectrum

allocation. Topics include spectrum allocation, digital modulation, spread-spectrum communications fundamentals, digital radio protocols for modern wireless systems, working with CDPD, Bluetooth, and IEE 802.11a/b, interference and collision.

*** Prerequisite: CS 372, ENEL 387, and ENEL 390 ***

EOE	Outdoor Education
Faculty of Education	

EOE 224 3:3-0

Introduction to Outdoor Education

A foundational course utilizing an interdisciplinary approach to the study of the nature and scope of outdoor education, its potential in the education process; techniques of conducting outdoor learning experiences.

*** Prerequisite: Second-year standing in the Faculty of Education. ***

* Note: Normally offered in fall semester only. *

EOE 338 3:3-3

Utilization of the Winter Environment for Outdoor Education

A developmental course in outdoor education using an interdisciplinary approach to the acquisition of personal skills, knowledge, and attitudes related to the winter outdoor environment.

*** Prerequisite: EOE 224 or permission of health and physical education subject area. ***

* Note: Normally offered in winter semester only. *

EOE 339 3:3-3

Utilization of the Summer Environment for Outdoor Education

A developmental course in outdoor education, using an interdisciplinary approach to the acquisition of personal skills, knowledge, and attitudes related to the summer outdoor environment.

*** Prerequisite: EOE 224 ***

* Note: Accommodation Fee \$250.00. *

EOE 414 3:3-0

Implementation of Outdoor Education Programs

A study of the ecological, historical, recreational, and aesthetic features of the year-round environment as a basis for designing a K-12 curriculum linked to outdoor education philosophy.

*** Prerequisite: EOE 224 and 6 credit hours of study in areas related to outdoor education. ***

* Note: Normally offered in winter semester only. *

EOE 498 1-3:0-0

EOE Independent Study II

EOE 499 1-3:0-0

EOE Independent Study I

EPE	Physical Education
Faculty of Education	

EPE 100 3:3-0

Introduction to Teaching Physical Education

Designed specifically for students preparing to teach physical education at the middle and high school levels. Objectives, instructional procedures, and curriculum are considered for elementary school physical education.

* Note: Normally offered in fall semester only. *

EPE 215 3:3-0

Physical Education in the Elementary School

An overview of teaching methods, curriculum content and materials, and their application in elementary physical education. Appropriate use of supplies and equipment.

EPE 300 3:3-0

Curriculum Content and Instruction for Elementary and Secondary School Physical Education

A study of the nature and scope of the school physical education program, analysis of selected curricula, development of curriculum support materials, study of program components, facilities, and equipment.

*** Prerequisite: Minimum of 21 credit hours in approved physical education courses. ***

* Note: Normally offered in fall semester only. *

EPE 310 3:3-0

Physical Education in the Elementary School (Pre-K to Grade 5)

This course is designed specifically for student teachers preparing to teach physical education to Elementary students. The course focuses on an overview of curriculum content, teaching methods, assessment and evaluation and learning resource materials and their application in teaching physical education in the context of schools and society today. *** Prerequisite: For elementary pre-internship students only. ***

EPE 317 3:3-0

Teaching Physical Education in the Middle Years

This course is designed specifically for student teachers preparing to teach physical education to Middle Years students. The course focuses on an overview of curriculum content, teaching methods, assessment and evaluation and learning resource materials and their application in teaching physical education in the context of schools and society today. *** Prerequisite: For elementary (middle years concentration) pre-internship students only. ***

EPE 350 3:3-1.5

Theories of Instruction in Secondary School Physical Education

A study of current trends in teaching physical education, analysis of teaching methods, course organization and management, utilization of teaching aids, and evaluation procedures.

*** Prerequisite: Minimum of 18 credit hours in approved physical education courses and EPE 100. ***

EPE 489 3:3-0

Post-Internship Seminar in Physical Education

A clinical and problem-solving approach to the teaching of physical education in the secondary school. Opportunity will be provided for students to undertake individual studies of specified pedagogical problems.

*** Prerequisite: Minimum of 21 credit hours in physical education courses or permission of the subject area, and successful completion of internship. ***

* Note: Normally offered in winter semester only. *

EPE 498 1-3:0-0

EPE independent Study II

EPE 499 1-3:0-0

EPE Independent Study I

EPS	Professional Studies in Education
Faculty of Education	

EPS 100 3:3-5

Intro to Education: Principles and Practices

The role of schooling and the teacher; the nature of teaching as a career. In-school and on-campus labs. This course should be taken in the first year of program.

* Note: Normally Education students only. Space permitting, others may be admitted with special permission. Students must fill out the Workers' Compensation Agreement form. *

* Please note that the French version of this course is no longer available and will now be offered as ECSF 100, effective 200830. *

EPS 116 3:3-0

Communication Skills

To assist education students in improving their communication skills for better teaching.

* Note: Restricted to Education students and the First Nations Language Instructors' Certificate students and students in the Level II Certificate in Child and Family Studies. *

EPS 200 3:3-2

Principles and Practices of Secondary Teaching

Focus is on the purposes and tasks of the teacher as decision-maker. Content (declarative, procedural and attitudinal) consists of the fundamental processes and procedures of teaching.

*** Prerequisite: EPS 100, a minimum of 6 Arts/Science/Other courses; and acceptance into the secondary program. ***

** Recommendation from the EPS 100 team and the major Subject Area is required to register. **

* Note: While it is desirable for BEAD students to have taken EPS 100, they may be permitted to take EPS 100 and EPS 200

concurrently. Students must fill out the Workers' Compensation Agreement form. Note: Pass/Fail grade. *

* Please note that the French version of this course is no longer available and will now be offered as EPSF 300, effective 200830. *

EPS 215 3:3-2
Principles and Practices of Elementary Teaching
 This course provides instruction on, and practice in, basic instructional approaches. Students will develop further ability in, and understanding of, the roles of teachers in schools.
 *** Prerequisite: EPS 100 ***
 * Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *
 * Please note that the French version of this course is no longer available and will now be offered as EPSF 315, effective 200830. *

EPS 225 3:3-2
Principles and Practices of Elementary Teaching: II
 Building on EPS 215, the course focuses on integrated and learner-centred instruction and the facilitation of learning.
 *** Prerequisite: EPS 215 ***
 * Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *
 * Please note that the French version of this course will no longer be available and will now be offered as EPSF 325, effective 200830. *

EPS 350 3:3-1
Principles and Practices of Secondary Teaching: II
 Principles and Practices of Secondary Teaching: II
 Making instructional choices: a holistic view to teaching process and procedures for the secondary school teacher is fostered. Students study, practise and reflect in classes, labs, and high schools.
 *** Prerequisite: EPS 100; EPS 200; developed major; developed minor; recommendations of the EPS 200 instructor, EPS 200 co-operating teacher and the major subject area. ***
 ** Corequisite: EPSY 350; subject area instruction courses. **
 * Note: Students must fill out the Workers' Compensation Agreement form. Pass/Fail grade. *
 * Please note that the French version of this course is no longer available and will now be offered as EPSF 350, effective 200830. *

EPS 498 1-3:0-0
EPS Independent Study II

EPS 499 1-3:0-0
EPS Independent Study I

EPSF	Education Professional Studies (Études professionnelles en éducation - français)
Faculty of Education	Bac

EPSF 300 3:3-1
Théories et pratique de l'enseignement au secondaire, I
 Les buts et les responsabilités de l'enseignant.e au secondaire sont ici considérés par rapport au processus de prise de décision. Le contenu du cours englobe la démarche et le processus de l'enseignement.
 *** Préalable : Être en troisième année du Bac secondaire, accepté.e au BEAD secondaire ou avec la permission du Bac. ***
 * Les étudiant.es doivent remplir le formulaire d'entente de la Commission des accidents de travail. Évaluation: Réussite/échec. *

EPSF 315 3:3-2
Théories et pratique de l'enseignement à l'élémentaire, I
 Ce cours aborde les connaissances fondamentales et la pratique des stratégies pédagogiques à l'élémentaire. Il vise à rendre les étudiant.es capables de mieux comprendre et de s'approprier le rôle de l'enseignant.e.
 *** Préalable : Être en troisième année du Bac élémentaire, acceptée au BEAD élémentaire ou avec permission du Bac. *** * Les étudiant.es doivent remplir le formulaire d'entente de la Commission des accidents de travail. Évaluation: Réussite/échec. *

EPSF 325 3:3-2
Théories et pratique de l'enseignement à l'élémentaire, II
 Faisant suite au cours EPS 215, ce cours mettra l'accent sur l'intervention pédagogique centrée sur et subordonnée aux processus d'apprentissage de l'apprenant.
 *** Préalable: EPSF 315 ***
 * Les étudiants doivent remplir le formulaire d'entente de la Commission des accidents de travail. Évaluation: Réussite/échec. *

EPSF 350 3:3-1
Théories et pratique de l'enseignement au secondaire, II
 Une approche globale du processus d'apprentissage-enseignement au secondaire à travers l'étude, la pratique et la réflexion.
 *** Préalable : EPSF 300 ***
 * Les étudiant.es doivent remplir le formulaire d'entente de la Commission des accidents de travail. Évaluation: Réussite/échec. *

EPSF 498 1-3:0-3
EPSF Independent Study I

EPSF 499 1-3:0-3
EPSF Independent Study II

EPSY	Educational Psychology
Faculty of Education	

EPSY 205 3:3-0
Understanding and Enhancing Student Development
 A study of children through the preschool, elementary, and middle school years. The focus is on how students develop and learn. Emphasis is on developing observation, interaction, and mediation skills.
 *** Prerequisite: Admission to second year of elementary education program or permission of the Department Head, First Nations University of Canada, Indigenous Education. ***
 * Please note that the French version of this course is no longer available, effective 200830. *

EPSY 217 3:3-0
Teaching as a Helping Profession
 This course provides an overview of basic communication skills used in counselling settings but appropriate for the classroom. Students will also be provided with an opportunity to examine the role of social context in developing a non-stereotypic framework for communication. Emphasis is placed on understanding, self-awareness about their own personal biases, as well as effective communication skills development.

EPSY 225 3:3-0
Assessing Student Learning
 An introduction to basic principles and practices in assessing learning during the early childhood, elementary and middle years. Focus will be on melding theory and practice.
 * Note: Normally offered in fall semester only. *
 * Please note that the French version of this course is no longer available and will now be offered as EPSY 425, effective 200830. *

EPSY 280 3:3-0
Introduction to Guidance
 A course designed to acquaint the student with the field of guidance. Classroom teachers, as well as those aspiring to be guidance specialists, will find this course relevant.
 ** Permission of the subject area is required to register. **

EPSY 322 3:3-3
Students with Special Needs
 An overview of working with students with special needs. Attention is paid to both, the characteristics of these students and the implications of these characteristics for classroom practice.
 *** Prerequisite: For elementary and arts education students: EPS 225 and completion of pre-internship. For secondary minor students: one of PSYC 101, 102, 210, KHS 151 or SW 421. ***
 * Note: In special cases, for experienced teachers, with permission, EPSY 322 may be a corequisite for EPSY 323, 324, 326, 328, 329, 330, 331 and 332AA. *
 * Please note that the French version of this course is no longer available and will now be offered as EPSY 418, effective 200830. *

EPSY 323 **3:3-0**
Design Learning Environments for Students with Special Needs
 A dynamic noncategorical approach to assessment, instruction and evaluation of students with special needs within the regular classroom.
 *** Prerequisite: EPSY 322 ***

EPSY 324 **3:3-0**
Individual Assessment and Instructional Adaptation for Students with Special Needs
 A case study approach to assessment, instruction and evaluation of individual students with special needs. The emphasis is effective collaborative case management.
 *** Prerequisite: EPSY 322 ***

EPSY 326 **3:3-3**
Change, Collaboration and Consulting: Students with Special Needs
 The course explores managing educational change systematically through consulting, collaborating, and conferencing. Current research and effective practice will be presented in a balanced integration of theory and practice.
 *** Prerequisite: EPSY 322 ***

EPSY 328 **3:3-0**
Communication Disorders and Students with Special Needs
 This course focuses on a range of communication disorders (including identifying characteristics). Educational implications are discussed and practical classroom management strategies presented.
 *** Prerequisite: EPSY 322 ***

EPSY 329 **3:3-0**
Enhancing Classroom Management: Students with Special Needs
 A dynamic, systemic approach to the development of a positive classroom environment. The course will address the growing numbers of students and teachers in conflict over behavioral expectations. Current research and effective practice will be examined in an effort to find workable manageable strategies to prevent and resolve such conflict.
 *** Prerequisite: EPSY 322 or permission of the subject area ***

EPSY 330 **3:3-0**
Autism and Pervasive Development Disorders: Students with Special Needs
 An overview of the nature of autism and pervasive developmental disorders, the associated characteristics, and strategies for instruction and behavioural interventions.
 *** Prerequisite: EPSY 322 ***

EPSY 331 **3:3-0**
Contemporary Trends in Inclusive Education
 An exploration of contemporary trends and issues shaping the fields of inclusive and special education. Topics may include: functional assessment and positive behaviour support, self-advocacy and self-determination for students with developmental disabilities, issues of equity, gender, culture in inclusive education, and new curricula and pedagogies.
 *** Prerequisite: EPSY 322, EPSY 323, EPSY 324, and EPSY 328 ***

EPSY 332 **3:3-0**
Selected Topics in Inclusive Education - an AA-ZZ series.
 A course dealing with current topics in inclusive education.
 *** Prerequisite: EPSY 322 ***

EPSY 350 **3:3-1**
The Psychology of Learning and Adolescent Development
 Introduction of selected principles of human learning and development as they apply to teaching in secondary schools. Topics include motivation and behaviour management, cognitive and behaviouristic learning theory, and cognitive, social, and personal development in adolescents.
 * Note: Normally offered in winter only. *
 * Please note that the French version of this course is no longer available and will now be offered as ECSF 317, effective 200830. *

EPSY 382 **3:3-0**
Introduction to Counselling
 This course is designed to enable paraprofessional counselors develop strategies which enable them to provide assistance related to educational, vocational, and personal needs and concerns of students.
 *** Prerequisite: EPSY 280 ***
 ** Permission of the subject area is required to register. **
 * Note: Normally offered in winter semester only. *

EPSY 384 **3:3-0**
Development and Maintenance of Self-Help Groups
 The purpose of this course is to enable the students to develop and effectively maintain a self-help group.
 ** Permission of the subject area is required to register. **

EPSY 400 **3:3-0**
Working with Difference & Diversity
 This course focuses on understanding the construct of "disability". We will look at the writings of people with disabilities and use their self-accounts to develop a cultural understanding of disability. With this information in mind, the course concentrates on methods of working with students whose performance differs from the established norm.
 *** Prerequisite: One of EFLD 400, 402, 405, 407, 409, 411 or status as a secondary minor in Special Education. ***

EPSY 418 **3:3-0**
Vers une pédagogie inclusive
 Ce cours explore des écrits de personnes « en situation de handicap » pour comprendre la notion de « culture du handicap ». De plus il développe l'aptitude à la préparation d'activités d'apprentissage fondées sur une pédagogie visant l'inclusion des élèves dont les performances diffèrent des normes préétablies dans notre société.
 Préalable : Avoir complété son internat ou avec la permission du Bac.

EPSY 425 **3:3-0**
Évaluation de l'apprentissage
 Une introduction aux principes de base en évaluation de l'apprentissage des élèves à l'école. L'accent sera mis sur les liens entre la théorie et la pratique.
 *** Préalable : Avoir complété son internat ou avec la permission du Bac. ***

EPSY 427 **3:3-0**
Alcoholism Counselling
 This course deals with causes of alcoholism, and suggests some intervention activities. This course has a basic how-to approach that does not require sophisticated knowledge of psychological theory.
 ** Permission of the subject area is required to register. **

EPSY 498 **1-3:0-0**
EPSY Independent Study II

EPSY 499 **1-3:0-0**
EPSY Independent Study I

ERDG	Reading Education
Faculty of Education	

ERDG 215 **3:3-0**
The Teaching of Reading
 This course prepares students to teach reading in the elementary school by developing an understanding of reading processes and current pedagogical approaches.
 *** Prerequisite: ELNG 205 and EPS 215 (concurrent enrolment allowed) ***

ERDG 310 **3:3-0**
Teaching Literacy for a Better World (Pre-K to Grade 5)
 This course prepares future Pre-K to Grade 5 teachers to support and instruct beginning readers and writers; to help children grow as readers and writers through progressive and genre pedagogies; to accommodate transience through the literacy program; and to offer children's literature from a variety of cultures and racial groups.
 *** Prerequisite: For elementary pre-internship students only. ***

ERDG 317 **3:3-0**
Teaching Critical Literacy
 This course provides methods for teaching critical reading and writing practices to middle grade students, including those who are learning school English as a second language or dialect. It offers strategies for engaging children in literacy learning, in the study of multicultural literature, and in using literacy for social action.
 *** Prerequisite: For elementary (middle years concentration) pre-internship students only. ***

ERDG 332 **3:3-0**
Reading in the Secondary School
 Introduction to the teaching of reading in secondary subject areas for secondary English teachers and others. Content includes the nature of

reading processes and teaching strategies that address individual differences.

*** Prerequisite: EPS 100 ***

* Note: Normally offered in fall semester only. *

ERDG 425 3:3-1

Assessment and Treatment of Reading Difficulties

This course provides teachers with information about the assessment and treatment of reading difficulties. It also provides experience working with children who have reading problems.

*** Prerequisite: ELNG 205, ELNG 325 and ERDG 215 ***

ERDG 498 1:3:0-0

ERDG Independent Study II

ERDG 499 1:3:0-0

ERDG Independent Study I

EREL	Religious Education
Faculty of Education	

EREL 300 3:3-0

Introduction to Religious Education

A foundational course on the theory and methodology of religious education in the elementary and secondary school.

*** Prerequisite: At least second year standing and RLST 100, or permission of the subject area. ***

* Note: Normally offered in fall semester only. *

EREL 498 1:3:1-0

EREL Independent Study II

EREL 499 1:3:1-0

EREL Independent Study I

ES	European Studies
Faculty of Arts	International Studies Program

ES 200 3:3-3

Introduction to European Studies

An interdisciplinary introduction to the principal historic and emerging contemporary features of Europe. The course will explore the defining yet very diverse characteristics of social, intellectual, political, economic and cultural life and will examine the motivation for and impact of integration on European Union member states.

*** Prerequisite: Completion of 15 credit hours ***

ES 400 3:3-3

Capstone Course in European Studies

This course consolidates an understanding of the essential characteristics of contemporary and emergent cultural, economic and political life in Europe. In particular, the character and impact of European integration on historically differentiated member states will be considered. The significance of European contributions to the world community will also be examined.

** Permission of the Coordinator is required to register. **

ES 401 3:3-3

European Studies Honours Thesis I

A research thesis in European Studies, part I.

** Permission of the Coordinator is required to register. **

ES 402 3:3-3

European Studies Honours Thesis II

A research thesis in European Studies, part II.

** Permission of the Coordinator is required to register. **

ESCI	Science Education
Faculty of Education	

ESCI 215 3:3-3

Introduction to Teaching of Elementary School Science

Philosophy, objectives, curriculum materials, structure, and teaching of elementary school science. Enquiry approach to science education.

*** Prerequisite: Completion of first year in the Elementary Program.

ESCI 300 3:3-3

Curriculum and Instruction in Science (Grades 7-10)

Designed to familiarize prospective and practicing teachers with curriculum and instructional strategies in grades 7-10 science. This course is required of all secondary science students.

*** Prerequisite: At least 3 courses in the major or minor area, or permission of the subject area. ***

ESCI 302 3:3-3

Environmental Education

Theory and practice in environmental education, including the history and philosophy of environmental education, course design (K-12), and issues investigation.

ESCI 310 3:3-1.5

Science Education (Pre-K to Grade 5)

Curriculum, instruction and evaluation in elementary school science. Pedagogical application of prerequisite course material presented in Environmental Education (ESCI 302).

*** Prerequisite: ESCI 302 and one approved science elective and acceptance into pre-internship. ***

ESCI 317 3:3-1

Introduction to Teaching and Learning Science in Middle Years Classrooms

Examination of curricular concepts using strategies appropriate to middle years learners. Topics include assessment and instructional strategies for student-centred instruction. Students through direct experience will develop strategies and knowledge that enables them to gain confidence in the delivery of a highly interactive science program.

*** Prerequisite: For elementary (middle years concentration) pre-internship students only. ***

ESCI 350 3:3-3

Curriculum and Instruction in Secondary School Science

The critical appraisal of secondary school science curricula through investigation of the nature, purposes, and trends in secondary school science and the construction of personal practical theory (framework) for instruction.

*** Prerequisite: ESCI 300 or permission of the subject area ***

* Note: Normally offered in winter semester only. *

ESCI 351 3:3-3

Special Topics in Secondary School Science Education

Special topics in curriculum and instruction in the secondary school sciences (biology, chemistry, and physics). Area of emphasis determined by student needs.

*** Prerequisite: ESCI 300 or ESCI 350, and at least 15 credit hours in science. ***

* Note: Normally offered in winter semester only. *

ESCI 354 3:3-0

Curriculum and Instruction in Secondary School Physics

This course will explore fundamentals of teaching physics from a hands-on, student centred approach. A variety of instructional strategies will be explored, demonstrated and practiced. Content of the Saskatchewan Physics 20 and 30 Curricula will be examined.

ESCI 355 3:3-0

Teaching Methods for Secondary School Physics

This course explores teaching physics with a foundation of a constructivist learning model. A focus will be on developing instructional strategies and resources that are consistent with constructivist principles of learning. Content of the Saskatchewan Physics 20 and 30 Physics Curricula will be used as the central focus of resource creation.

ESCI 360 3:3-3

Learning and Assessment in Science Education

This course explores the design of assessment strategies based on a constructivist model of learning for use in science education. A range of alternative strategies will be examined including some focused on the exploration of STSE issues in science and society.

ESCI 370 3:3-0

Curriculum and Instruction in Secondary School Chemistry

This course will explore fundamentals of teaching chemistry from a hands-on, student centred approach. A variety of instructional strategies will be explored, demonstrated and practiced. Content of the Saskatchewan Chemistry 20 and 30 Curricula will be explored.

ESCI 371 **Teaching Methods for Secondary School Chemistry** **3:3-0**
This course explores teaching chemistry with a foundation of a constructivist learning model. A focus will be on developing instructional strategies and resources that are consistent with constructivist principles of learning. Content of the Saskatchewan Chemistry 20 and 30 Curricula be used as the central focus of resource creation.

ESCI 401 **Participatory Research in Science Education** **3:3-0**
A post-internship seminar course to examine specific aspects of the internship experience through reflection and research.
*** Prerequisite: Internship ***
* Note: Normally offered in winter semester only. *

ESCI 498 **ESCI Independent Study II** **1-3:0-0**

ESCI 499 **ESCI Independent Study I** **1-3:0-0**

ESST	Social Studies Education
Faculty of Education	

ESST 215 **Social Studies for Elementary School Teachers** **3:3-0**
Objectives, methods of teaching, curricular models, and materials in elementary school social studies. Philosophies of social studies are explored.
*** Prerequisite: Admission to pre-internship. ***

ESST 300 **Curriculum Content in Secondary School Social Studies** **3:3-0**
Investigation into the nature, purposes, and trends of secondary social studies programs; analysis of curricula, unit planning and resources.
*** Prerequisite: 3rd year standing in Secondary Education. ***
* Note: Normally offered in fall semester only. *

ESST 310 **Social Studies for Elementary School Teachers** **3:3-0**
Objectives, methods of teaching, curricular models, and materials in elementary school social studies are reviewed. Theories and governing philosophies of social studies education are explored. Approaches to social and environmental justice are emphasized. The linkages between social studies education, citizenship education and community based engagement will be examined. *** Prerequisite: For elementary pre-internship students only. ***

ESST 315 **Curriculum and Instruction: Social Studies in the Elementary School** **3:3-0**
Development of curriculum, instructional materials, and methodology in elementary school social studies.
*** Prerequisite: 3rd year standing in Elementary program. ***
* Note: Normally offered in winter semester only. *

ESST 317 **Teaching Engaged Citizenship: Social Studies and Social/Environmental Activism** **3:3-0**
An integrative, community based approach to social and environmental justice issues in local contexts. Students will engage in and reflect on community based action projects as a means of teaching for citizenship. The course models ways of connecting all students with community resources and community knowledge of contemporary issues.
*** Prerequisite: For elementary (middle years concentration) pre-internship students only. ***

ESST 350 **Theories of Instruction in the Teaching of Secondary Social Studies** **3:3-1**
A study of contemporary trends in teaching social studies, analysis of teaching strategies, course organization. This course will involve a lab experience.
*** Prerequisite: 3rd year standing in Secondary Education and 36 credit hours of social science requirements. ***
* Note: Normally offered in winter semester only. *

ESST 351 **Evaluation in Social Studies** **3:3-1**
Theoretical and practical consideration of ways of evaluating student achievement in a variety of learning objectives: understanding, enquiry skills, critical thinking and valuing. This course will involve a lab experience.
*** Prerequisite: 3rd year standing in Secondary Education and 36 credit hours of social science requirements. ***
* Note: Normally offered in winter semester only. *

ESST 369 **Critical Literacy in Social Studies: Issues for Pedagogical Practice** **3:3-0**
An integrative and reflective investigation of pedagogical issues in social studies oriented to promote a critical literacy for social studies education.
*** Prerequisite: Internship and/or teaching experience. ***
* Note: Normally offered in winter semester only. *

ESST 498 **ESST Independent Study II** **1-3:0-0**

ESST 499 **ESST Independent Study I** **1-3:0-0**

EVIS	Visual Education
Faculty of Education	

EVIS 101 **Introduction to Visual Education** **3:3-0**
This course is designed specifically for students preparing for arts education, kindergarten through grade 12. Theory, content, and practice related to visual education will be presented.
*** Prerequisite: ART 100 or ARTH 100 ***

EVIS 202 **Approaches to Teaching Visual Education** **3:3-0**
This course is designed for students in the arts education program. Emphasis will be on approaches to teaching visual education, kindergarten through grade 12.
*** Prerequisite: EVIS 101 ***

EVIS 326 **Domains and Theories of Instruction: Visual Education** **3:3-0**
Critical analysis of curriculum theory and development in visual education; students will develop curriculum based on personal development, artistic heritage, art in society, and critical analysis.
*** Prerequisite: EVIS 101 and 202 or permission of the subject area. ***

EVIS 328 **Appreciation of the Visual Arts: Methods of Teaching** **3:3-0**
A developmental approach to nurturing understanding and appreciation of a variety of visual images; the fine arts and vernacular arts. Curriculum development and practical application.
*** Prerequisite: EVIS 101, 202, 326 or permission of the subject area. ***

EVIS 498 **EVIS Independent Study II** **1-3:0-0**

EVIS 499 **EVIS Independent Study I** **1-3:0-0**

FA	Fine Arts
Faculty of Fine Arts	

FA 100 **Fine Arts and Ideas** **3:3-0**
This is an interdisciplinary course designed to introduce students to basic critical and aesthetic concepts in the Fine Arts. Central themes include the performance and reception of texts, as well as issues of gender and power. The course will be taught by faculty members from all four Fine Arts Departments.

FA 170 **Introduction to Movement/Dance** **3:0-3**
This is an introductory course to movement and dance. Through the study of modern dance technique and the use of solo, partner and group improvisation, exploration and interpretation, the student will

work toward the development of the body as a sensitive, versatile and expressive instrument for performance.

** Permission of the instructor is required to register. **

FA 200 3:3-1

The Arts and Everyday Life

This course situates the arts in historical, social and political contexts. A variety of cultural artifacts including films, television, advertising, literature, the internet, music, theatre, photography, architecture, sculpture and painting are analyzed from an interdisciplinary theoretical perspective in order to understand the complex role of the arts in our lives.

*** Prerequisite: Completion of 30 credit hours. ***

FA 201 3:3-3

Global Migrations

Globalization is an issue that traverses political, cultural and representational forms today. This course explores multiple interdisciplinary topics of importance to thinking globalization including: "wonder" of the new world; Africa the "dark continent"; voyages of "discovery"; colonial villages at early World Fairs; global terrorism; and contemporary art of "migration".

FA 300 3:3-0

Selected Interdisciplinary Topics in Fine Arts - an AA-ZZ series.

Interdisciplinary courses designed as required for groups of senior undergraduates.

FA 301 3:3-3

Mapping Illness

What does it mean to represent the diseased body? What are the relations between health, illness, Other-ness and deviance in representation? As several interdisciplinary investigations of the body in crisis this course will look at how illness has been represented from the sixteenth century to the present.

*** Prerequisite: Completion of 30 credit hours. ***

FA 302 3:3-3

Queer: Cultures and Theories

An interdisciplinary investigation of contemporary queer theory and ideas. Partially based upon guest presentations from specialists in their fields, this course provides students with a critical framework for thinking about queer issues today. Topics: GLBTQ histories and theories; issues of representation; queer art, cinema, literature; queer issues in cross-cultural perspectives.

*** Prerequisite: Completion of 30 credit hours. ***

FA 400 3:3-0

Selected Interdisciplinary Topics in Fine Arts - an AA-ZZ series.

Interdisciplinary courses designed as required for groups of senior undergraduates.

FA 470 3:0-3

Movement/Dance V

The development of interpretative skills will continue with further application of modern dance technique and the introduction of the principles of jazz dance. The use of repertoire and improvisation and compositional explorations will lead to solo, partner and group movement studies and choreography.

** Permission of the instructor is required to register. **

FA 499 3-15:15-15

Professional Placement - an AA-ZZ series.

Students will be given the opportunity to apply their knowledge in a specific professional role related to their major. The work experience will be undertaken by the student under supervision of a cooperating professional and a department coordinator.

** Permission of the Department Head of the student's fine arts major is required to register. **

FILM	Film
Faculty of Fine Arts	Department of Media Production and Studies

FILM 100 3:3-0

The Art of Motion Pictures

An introduction to the art of motion pictures. The course will examine a representative selection of films covering the history of cinema and many of its basic aesthetic premises.

FILM 200 3:2-1.5

Introduction to Film and Video

The course explores the differences between the photographic film, video, and audio processes. Students will also study the characteristics of the media through assignments, exercises, and screenings.

*** Prerequisite: FILM 100 ***

* Note: Restricted to Film majors. Materials Fee: \$100. *

FILM 201 3:0-4.5

Film Production I

An introduction to production using professional cameras and recorders, and an introduction to 16mm film editing.

*** Prerequisite: FILM 200 and 251 ***

** Permission of the Department Head is required to register. **

* Note: Materials Fee: \$100. *

FILM 202 3:0-4.5

Film Production II

A continuation of FILM 201 with exercises emphasizing technique and grammar relating to film and video; practical experience in the various media.

*** Prerequisite: A passing grade in FILM 201 in the semester immediately preceding. ***

* Note: Materials Fee: \$100. *

FILM 203 3:0-4.5

Animation

The basic principles and techniques of non-cel animation. Includes technical knowledge and operational skills of the animation camera and study of a variety of animation techniques such as cut-out, silhouette, model and puppet.

*** Prerequisite: FILM 100 ***

* Note: Restricted to Film majors. Materials Fee: \$100. *

FILM 205 3:0-4.5

Introduction to Still Photography

Using basic photographic techniques, students will be led to an awareness of the photographic image as art form and as social document.

*** Prerequisite: FILM 201. Concurrent enrolment allowed. ***

* Note: Restricted to Film majors. Materials Fee: \$100. *

FILM 208 3:0-4.5

Introduction to Digital Media

This course will be an overview of the processes involved with creating interactive multi-media projects. Students will study and analyze current documents and thru exercises create short multi-media presentations.

*** Prerequisite: FILM 201. Concurrent enrolment is allowed. ***

* Note: Restricted to Film majors. Materials Fee: \$100. *

FILM 240 3:3-0

History of Film

This course concentrates on the evolution of the forms and themes of film from its origins to 1960, and on the changing relation of film to its social, cultural, and political contexts throughout this period.

FILM 241 3:3-0

Contemporary Film

This course provides a critical and cross-cultural approach to developments in film since 1960.

FILM 250 3:3-0

Traditions in Documentary

This course offers an overview of the documentary genre in film and video. It will investigate the genre in terms of subject matter and style, historical origins, forms and conventions, and relationships to cultural contexts.

FILM 251 3:3-0

Traditions in Narrative

This course examines the parallels of narrative through an intensive look at oral and literary traditions and how they relate to contemporary media narrative forms.

FILM 300 6:0-6

Film Production III

A course designed to create an awareness of the aesthetics of film and video, giving students the opportunity to gain experience in the planning and shooting aspects of production.

*** Prerequisite: FILM 202 ***

* Note: Materials Fee: \$150. *

FILM 301 Film Production IV A continuation of Film 300, emphasizing development and pre-production processes leading to the production of one or more major projects. Explores the integration of the two media. *** Prerequisite: FILM 300 *** * Note: Materials Fee: \$150. *	3:0-3	FILM 350 The Art of Film Directors Examines the work of no more than two directors, with particular attention given to style, historical and cultural influences on the filmmaker, and the manner in which the work has influenced others. *** Prerequisite: 30 Credit Hours or permission of the Department Head ***	3:3-0
FILM 305 Film and Video Imaging A study of the electronic and photochemical process involved in film and video. A study of lighting techniques. Exercises in both media. *** Prerequisite: FILM 202 *** * Note: Materials Fee: \$100. *	3:0-3	FILM 380 - 384 Selected Topics - an AA-ZZ series. Courses designed as required for groups of senior undergraduates. The following topics, or others, may be offered from time to time: women and film, third world film, montage aesthetics, post-war Italian film, French New Wave and after, New German Cinema, East European cinema, British cinema since 1945, etc.	3:3-0
FILM 306 Post Production A study of post-production processes and techniques in film and video production. *** Prerequisite: FILM 300 *** * Note: Materials Fee: \$100. *	3:0-3	FILM 385 - 389 Selected Topics - an AA-ZZ series. Courses designed as required for groups of senior undergraduates. * Note: A materials fee of up to \$100 may be required. *	3:0-3
FILM 307 Sound Recording and Editing A study of the sound processes involved in film and video production. Exercises will be done to acquire skills relating to manipulation of sound in the media. *** Prerequisite: FILM 202 *** * Note: Materials Fee: \$100. *	3:0-3	FILM 390 - 395 Directed Study - an AA-ZZ series. Supervised reading and research designed for individual students in either 3rd or 4th year.	3:3-0
FILM 310 Writing for Film A workshop course that will introduce the student to the fundamentals of writing for the screen. *** Prerequisite: FILM 202 ***	3:0-3	FILM 400 Film Production V Introduction to advanced production including research, script development, and videotape production. *** Prerequisite: FILM 301 *** * Note: Materials Fee: \$175. *	3:0-4.5
FILM 311 Photography as Visual Communications Based on the relationship between photographic process and content, the course will incorporate traditional photographic materials as well as computer imaging, collage, text, and whatever other necessary means to broaden the vocabulary of visual imaging. *** Prerequisite: FILM 205 *** * Note: Materials Fee: \$100. *	3:0-3	FILM 401 Film Production VI A continuation of FILM 400. A fourth-year course in which students will produce a major production. *** Prerequisite: FILM 400 *** * Note: Materials Fee: \$175. *	3:0-4.5
FILM 340 Traditions in Avante-garde Film This course will introduce the most important developments in the history of experimental cinema. A discussion of international avant-garde films will be included, with a focus on the evolution of the avant-garde's alternative techniques, themes, modes of production, and audiences. *** Prerequisite: Completion of 30 credit hours or permission of the Department Head. ***	3:3-0	FILM 403 Producing for Film and Video An examination of the creative, organizational, and managerial roles of the producer. *** Prerequisite: FILM 300 *** * Note: Materials Fee: \$100. *	3:0-3
FILM 345 Canadian Cinema Examines Canadian cinema from early work of the National Film Board to present-day international feature co-production. Treats the development of Quebec cinema and the films of many Canadian directors. *** Prerequisite: Completion of 30 credit hours or permission of the Department Head. ***	3:3-0	FILM 411 Directing This course gives concentrated focus to the director's role and working relationship with actors, crew, script, etc., throughout the production process. *** Prerequisite: FILM 300 *** * Note: Materials Fee: \$100. *	3:0-3
FILM 346 Television Studies This course introduces a variety of theoretical and methodological approaches to the study of television and audience reception. Students will learn and be asked to engage in critical analyses and (inter)textual readings of a variety of television genres including drama, news broadcasting, comedy, reality, sci-fi, daytime television. *** Prerequisite: Completion of 30 credit hours or permission of the Department Head. ***	3:3-0	FILM 412 Directing the Experimental Film Students will engage in the creation of a diverse range of film and video making as an experimental form. Projects are varied to give each student experience with and appreciation for the range and the history of experimentation within media production. *** Prerequisite: FILM 202 ***	3:0-3
FILM 348 Film Theories and Aesthetics The development of film theory and criticism from the silent period to the present. Major writings in silent film theory, montage theory, realism, auteurism, semiotics, psychoanalytic and spectatorship theories will be investigated. *** Prerequisite: One of FILM 240, FILM 241, FILM 250 or FILM 251 or permission of the Department Head. ***	3:3-0	FILM 440 Seminar in Film Authorship An in-depth examination of the films or videotapes of a major director. The choice of director will vary from semester to semester and may be from any film or video tradition. *** Prerequisite: Completion of 45 credit hours or permission of the Department Head. ***	3:3-0
		FILM 460 (formerly FILM 480AP) Interactive Media and Performance The content of the course includes critical analysis of mass media, performance and audio art, DJ Cultures, film, music video, sound tracks, video games, anime, computer interfaces, websites, web video, radio, and television, and online social networking. This course situates interactive media and performance in historical, socio-cultural, and political contexts. *** Prerequisite: Permission of Department Head *** * Note: This is a hybrid course that can count as either a film and video 400-level studies elective or a 400-level film and video production elective. *	3:3-3

FILM 480 - 485 **3:3-3**
Seminars in Special Topics - an AA-ZZ series.
 Advanced seminars that will give concentrated focus to such topics as national cinemas, women and film, issues in film theory, etc.

FILM 486 - 489 **3:0-3**
Selected Production Topics - an AA-ZZ series.
 Advanced selected topics related to the production program.
 * Note: A materials fee of up to \$100 may be required. *

FILM 490 **3:0-3**
Research Methods
 Seminar open to students completing an honours concentration in film and video studies. Students will be expected to present a clear timetable and to discuss thesis work in seminars throughout the term.
 ** Admission to honours program is required to register. **

FILM 491 **3:0-3**
Directed Study for Senior Honours Students - an AA-ZZ series.
 Supervised reading and research designed as required for individual students.

FILM 492 **3:3-0**
Directed Study in Film Studies - an AA-ZZ series.
 Supervised reading and research designed as required for individual students.

FILM 496 - 499 **1-6:0-6**
Senior Directed Studies - an AA-ZZ series.
 Supervised reading and research designed for individual students in either third or fourth year.
 * Note: Materials Fee: \$150. *

FR	French
Faculty of Arts	Department of French

Note: FR 100, 101, 102, 110 and 113 do not count towards a French major or minor but each receives degree program credit.

Placement in French courses is usually based on a pre-registration assessment which can be done online at http://uregina.ca/LRC/fpt_form.htm.

Students who have never studied French before may register in FR100 without doing the assessment. However, ALL students with any background in French (including elementary school, high school, immersion, living or studying in a French-speaking environment) registering in their first course at the university MUST take the mandatory assessment. Students who have a background in core French would normally begin their studies at the 100 level (100, 101, etc.). Students with grade 12 French immersion would normally begin their studies at the 200 level (201, 202, etc.).

Students who have already received credit for a French course at the University of Regina may TAKE OR REPEAT a course at a lower level only with permission of the Department Head. Permission to take or repeat a course at a lower level will normally be granted only in cases where the higher-level course has not been completed in the previous five-year period.

FR 100 **3:3-1**
Beginners' French I
 This course, designed for beginners, aims at the acquisition of basic vocabulary and structures required to develop oral and written communication skills.
 *** Prerequisite: No previous experience in French, or permission based on placement test. ***
 * Note: Students who have completed Grade 12 French within the previous five years normally may not take this course for credit. Web delivered class sections may be subject to an additional \$50.00 material fee. *

FR 101 **3:3-1**
Beginners' French II
 This course, designed for near-beginners, aims at the acquisitions of more extensive vocabulary and structures, building on previously acquired oral and written communication skills.
 *** Prerequisite: FR 100 with a minimum grade of 60% or permission based on placement test. ***
 * Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *

FR 102 **3:3-1**
Beginners' French III
 This course will enable students to further their linguistic development, building on previously acquired oral and written communication skills.
 *** Prerequisite: FR 101 with a minimum grade of 60% or permission based on placement test. ***

FR 110 **6:6-2**
Intensive French for Beginners
 This course, designed for beginners, aims at the acquisition of vocabulary and structures required to develop oral and written communication skills.
 *** Prerequisite: No previous experience in French, or permission based on placement test. ***
 * Note: Students who have completed Grade 12 French within the previous five years normally may not take this course for credit. Students may not receive credit for FR 110 or both of FR 100 and 101. *

FR 113 **3:3-1**
Introduction au français de niveau universitaire - Introduction to University French
 This course is intended for students with good knowledge of basic grammar concepts. Building on these concepts, expansion of vocabulary, aural comprehension and oral expression. Le cours s'adresse aux étudiants qui possèdent des rudiments de grammaire française. Enrichissement du vocabulaire avec insistance sur la compréhension auditive et l'expression orale.
 *** Prerequisite: Grade 12 Core French and placement test, FR 102 with a minimum grade of 60%, or permission based on placement test. ***
 * Note: Students may not receive credit for both FR 113 and FRLS 119. *

FR 201 **3:3-1**
Français intermédiaire I - Intermediate French I
 Further grammar study, using cultural texts. Perfectionnement grammatical à l'aide de textes culturels.
 *** Prerequisite: FR 113 with a minimum grade of 60% or permission the Department Head ***
 * Note: This course was formerly numbered FR 115. Students who have previously completed FR 115 may not receive credit for FR 201. Also, students may not receive credit for both FR 201 and FRLS 120. *

FR 202 **3:3-1**
Français intermédiaire II - Intermediate French II
 Study of grammatical structures; practical application of grammar through reading and writing. Étude des structures grammaticales; application pratique de la grammaire par la lecture et l'écriture.
 *** Prerequisite: FR 113 with a minimum grade of 75% or FR 201 with a minimum grade of 60%, or Grade 12 French and pre-registration assessment, or permission of Department Head ***
 * Note: This course was formerly numbered FR 213. Students who have previously completed FR 213 may not receive credit for FR 202. Also, students may not receive credit for both FR 202 and FRLS 121. *

FR 203 **3:3-3**
Français intermédiaire III - Intermediate French III
 Study of grammatical structures; practical application of grammar through reading and writing. Études des structures grammaticales; application pratique de la grammaire par la lecture et l'écriture.
 *** Prerequisite: FR 202 with a minimum grade of 60%, Grade 12 French and preregistration assessment, or permission of Department Head ***
 * Note: This course was formerly numbered FR 214. Students who have previously completed FR 214 may not receive credit for FR 203. Also, students may not receive credit for both FR 203 and FRLS 218. *

FR 215 **3:3-3**
Contes du monde francophone - Francophone Tales
 Exploration de la culture et de la langue: contes et légendes de la francophonie. Exploration of language and culture through tales and legends of the Francophone world.
 *** Prerequisite: Grade 12 French and placement test, or permission of Department Head. ***
 * Note: No student who has taken a French course numbered 300 or above may receive credit for this course. *

FR 216 **3:3-3**
Cinéma francophone - Francophone Cinema
 Exploration de la culture et de la langue par le biais d'expressions visuelles du monde francophone. Exploration of language and culture through visual expressions in the Francophone world.
 *** Prerequisite: Grade 12 French and placement test, or permission of Department Head ***
 * Note: No student who has taken a French course numbered 300 or above may receive credit for this course. *

FR 217 **3:3-3**
Introduction au français des affaires - Introduction to Business French
 Apprentissage du vocabulaire et des méthodes d'expression propres au monde des affaires et du gouvernement. Study of vocabulary and communication styles used in business and government.
 *** Prerequisite: Grade 12 French and placement test, or permission of Department Head. ***

FR 219 **3:3-3**
Le Code oral - Oral Structure of French
 Étude des caractéristiques spécifiques du code oral: fonction des divers registres; particularités lexicales, syntaxiques et phonétiques. The characteristics of oral French: language registers, vocabulary, syntax, and phonetics.
 *** Prerequisite: FR 202 with a minimum grade of 60%, or permission of Department Head ***
 * Note: Formerly numbered FR 209. Students may not receive credit for both FR 219 and FR 209. *

FR 220 **3:3-3**
Civilisation française - French Civilization
 Fondations de la civilisation française et aspects de la vie contemporaine. A study of the historical bases of French civilization and of aspects of contemporary France.
 *** Prerequisite: FR 202, or permission of Department Head ***
 * Note: Formerly numbered FR 210. Students may not receive credit for both FR 220 and FR 210. *

FR 221 **3:3-3**
Civilisation canadienne-française - French-Canadian Civilization
 Le développement de la culture du Canada français. Aspects de la vie économique, politique, sociale, intellectuelle et artistique des Québécois et des francophones hors Québec. Civilization of French Canada. A study of the historical and contemporary aspects of Francophone life in Quebec and in the rest of Canada.
 *** Prerequisite: FR 202, or permission of Department Head ***
 * Note: Formerly numbered FR 211. Students may not receive credit for both FR 221 and FR 211. *

FR 222 **3:3-3**
La Francophonie - The Francophone World
 Évolution du concept de la francophonie. Aspects de la vie économique, politique, sociale, intellectuelle, artistique et particularités linguistiques de régions francophones. Evolution of the concept of francophonie. Aspects of the economic, political, social, intellectual, artistic, and linguistic features of various francophone regions.
 *** Prerequisite: French 202 or permission of Department Head ***
 * Note: Formerly numbered FR 212. Students may not receive credit for both FR 222 and FR 212. *

FR 226 **3:3-3**
Linguistique française I - French Linguistics I
 Introduction aux théories linguistiques modernes françaises dans les domaines de la phonologie, de la morphologie et de la syntaxe, de la lexicologie et de la sémantique. Introduction to modern French linguistic theories in phonetics, phonology, morphology, syntax, lexicology and semantics.
 *** Prerequisite: FR 202 with minimum grade of 60% or permission of Department Head ***
 * Note: Formerly numbered FR 206. Students may not receive credit for both FR 226 and FR 206. *

FR 230 **3:3-3**
Composition I
 Composition; acquisition des techniques d'expression. Construction de phrases et de paragraphes, principes d'argumentation, enrichissement du lexique et perfectionnement du style. Composition; acquisition of writing skills. Sentence and paragraph construction, principles of argumentative writing, enrichment of vocabulary and development of written style.
 *** Prerequisite: FR 203 with minimum grade of 60% or permission of Department Head ***

* Note: Students may not receive credit for both FR 230 and either of FR 204 (the former number for FR 230) or FRLS 218. *

FR 231 **3:3-3**
Composition II
 Perfectionnement des techniques de composition, rédaction d'essais. Refinement of composition skills, essay writing.
 *** Prerequisite: FR 230 with a minimum grade of 60% or permission of Department Head ***
 * Note: Students may not receive credit for both FR 231 and FRLS 218. *

Courses numbered above FR 231 will not be offered in both semesters of the same academic year. Please consult the Department for details.

FR 245 **3:3-3**
Introduction aux textes littéraires - Introduction to Literary Texts
 Introduction to literary texts and their workings as well as enhancement of writing and reading skills through literary analysis. Introduction aux textes littéraires et à leur fonctionnement; amélioration de la lecture et de l'écriture par l'analyse littéraire.
 *** Prerequisite: FR 230 or permission of Department Head ***
 * Note: Formerly numbered FR 240. Students who have completed FR 240 may not take FR 245. *

FR 247 **3:3-3**
Language Wars: Topics in Language and Conflict, with Emphasis on the Canadian Context
 An in-depth study of official bilingualism in Canada. French as a social and political agent in Canadian nation building. The Office québécois de la langue française (OQLF) and French for general and specialized domains. Politics of official bilingualism, identity and integration. Other symbolic roles of language in Canadian society.
 *** Prerequisite: ENGL 100 and completion of 15 credit hours ***
 * Note: This course cannot be used to fulfill the Arts second language core requirement. Taught in English. *
 * Note: Cross-listed with SOC 247. Students may not receive credit for both SOC 247 and FR 247. Sociology majors should take SOC 100 before taking FR 247 or SOC 247. *

FR 248 **3:3-3**
Francophone and World Comics
 Students will analyze comics as a literary genre and as a cultural vehicle after being introduced to the history and the artistic techniques of the medium. Particular focus will be placed on Francophone "bandes dessinées", but North American comics and Japanese manga will also be included.
 *** Prerequisite: ENGL 100 and completion of 15 credit hours ***
 * Note: This course cannot be used to fulfill the Arts second language core requirement. Taught in English. *

FR 280 **3:3-0**
Panorama de la littérature française - Survey of French Literature
 Introduction à l'étude des grands courants littéraires, du 17^e siècle jusqu'à nos jours. Introduction to the major currents in French literature, from the 17th century to the present.
 *** Prerequisite: FR 240 or permission of Department Head ***

FR 300 **3:3-3**
Traduction I - Translation I
 Stylistique comparée du français et de l'anglais, exercices pratiques de traduction et de vocabulaire. Comparative stylistics, practical translation, and vocabulary exercises.
 *** Prerequisite: FR 230 with a minimum grade of 60% and ENGL 100, or permission of Department Head ***

FR 301 **3:3-0**
Traduction II - Translation II
 Stylistique comparée du français et de l'anglais, aspects théoriques de la traduction, exercices pratiques. Comparative stylistics; aspects of translation theory and practical translation exercises.
 *** Prerequisite: FR 300 or permission of Department Head ***

FR 302 **3:3-0**
Stylistique - Stylistics
 Approche analytique des productions textuelles; système et fonctionnement de la langue; types et procédés d'expression; effets et figures de style. An analytical approach to the study of texts. Emphasis will be placed on language functions, modes of expression, and literary devices.
 *** Prerequisite: FR 230 and FR 226, or FR 300 ***

FR 306 3:3-0
Linguistique française II: Lexicologie et lexicographie - French Linguistics II
 Introduction à la lexicologie et à la lexicographie françaises; structure du lexique, typologie; étude de la structure interne des mots et des relations lexicales; étude de l'organisation des dictionnaires de langue française. Introduction to French lexicology and lexicography: structure of the French lexicon, typology; study of word structure and of lexical combinations, study of the organization of contemporary French dictionaries.
 *** Prerequisite: FR 226 ***

FR 315 3:3-3
La Légende arthurienne en France - The Arthurian Legend in France
 Représentations littéraires de la légende du roi Arthur. Literary representations of the legend of King Arthur.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 325 3:3-3
La Renaissance - The Renaissance
 Littérature du 16e siècle. 16th century literature.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 330 3:3-0
Le Grand Siècle
 Littérature du 17e siècle. 17th Century Literature.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 345 3:3-3
Penser et écrire la révolution - Thinking and Writing about Revolution
 Représentations littéraires de la révolution; accent sur les 18e et 19e siècles. Literary representations of revolution; focus on the 18th and 19th centuries.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 355 3:3-3
La Ville dans la littérature et les arts - The City in Art and Literature
 Représentations littéraires et artistiques de la ville; accent sur les 19e et 20e siècles. Literary and artistic representations of the city; focus on the 19th and 20th centuries.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 365 3:3-3
Le Rêve et l'écriture - Writing the Dream
 Représentations littéraires du rêve; accent sur les 19e et 20e siècles. Literary representations of the dream; focus on the 19th and 20th centuries.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 375 3:3-3
Guerres et résistance - Wars and Resistance
 Représentations littéraires et artistiques de la guerre et de la résistance; accent sur le 20e siècle. Literary and artistic representations of war and resistance; focus on the 20th century.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 376 3:3-3
Littérature coloniale et postcoloniale - Colonial and Postcolonial Literature
 Représentations littéraires du monde francophone colonial et post-colonial; accent sur le 20e siècle. Literary and artistic representations of the colonial and postcolonial Francophone world; focus on the 20th century.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 377 3:3-3
Littérature francophone au féminin - Francophone Women's Writing
 Textes d'écrivaines du monde francophone; accent sur le 20e siècle. Works by Francophone women writers; focus on the 20th century.
 *** Prerequisite: FR 245 or permission of Department Head ***

FR 380 3:3-3
Panorama de la littérature québécoise et franco-canadienne - Survey of Quebec Franco-Canadian Lit
 Étude de textes littéraires du Québec et du Canada français, du début du XXe siècle au présent. Roman, théâtre et un peu de poésie. Survey class covering French Québec and Franco-Canadian literatures from the early twentieth century until the early twenty-first. Novel, drama and some poetry.

*** Prerequisite: FR 245 or permission of Department Head ***
 * Note: Formerly numbered FR 270 and 370. Students who have completed FR 270 or 370 may not take this course for credit. *

FR 390 3:3-0
Travaux dirigés -an AA-ZZ series - Directed Readings
 Directed Readings.
 *** Prerequisite: FR 245 or permission of Department Head ***

Senior Courses in French – The following courses, primarily intended for honours students, may be taken by other students with a good standing in French courses who obtain permission from the department head. Frequency of offering will depend on availability of faculty members.

FR 400 3:3-0
Traduction III - Translation III
 Traduction: théorie et pratique. Practical and theoretical aspects of translation.
 *** Prerequisite: FR 301 ***
 ** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 401 3:3-0
Traduction IV - Translation IV
 Traduction: théorie et pratique. Premières notions de terminologie. Practical and theoretical aspects of translation. Introduction to terminology.
 *** Prerequisite: FR 400 ***
 ** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 406 3:3-0
Linguistique française III: Histoire de la linguistique française - French Linguistics III
 Histoire de la linguistique française du XVIe siècle au XVIIIe siècle. Étude des traditions grammaticales et lexicographiques. History of French linguistics from the 16th to the 18th century, through selected texts representing the major grammatical and lexicographical traditions.
 *** Prerequisite: FR 306 ***
 ** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 410 - 419 3:3-0
Études spécialisées de la langue française - an AA-ZZ series - Special Topics
 Études spécialisées de la langue française. Special Topics in French language studies.
 *** Prerequisite: FR 306 or FR 301 or permission of Department Head ***
 ** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 420 - 429 3:3-0
Un auteur et son oeuvre - an AA-ZZ series - Studies of Individual French Authors
 Un auteur et son oeuvre. Studies of individual French authors.
 *** Prerequisite: A 300-level French literature course or permission of Department Head. ***
 ** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 430 - 439 3:3-0
Études par genre - an AA-ZZ series - Genre Studies
 Études par genre. Genre Studies.
 *** Prerequisite: A 300-level French literature course or permission of Department Head. ***
 ** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 440 - 449 3:3-0
Études spécialisées en littérature et en culture françaises - an AA-ZZ series - Special Topics
 Études spécialisées en littérature et en culture françaises Special topics in French literature and culture.

*** Prerequisite: A 300-level French literature course or permission of Department Head. ***

** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 450 - 459 3:3-0

Un siècle et sa littérature - an AA-ZZ series - Century-based Studies in French Literature

Un siècle et sa littérature. Century-based studies in French literature.

*** Prerequisite: A 300-level French literature course in the same century or permission of the Department Head. ***

** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 460 - 469 3:3-0

Études spécialisées en théorie littéraire - an AA-ZZ series - Special Topics in Literary Theory

Études spécialisées en théorie littéraire. Special topics in literary theory.

*** Prerequisite: A 300-level French literature course or permission of Department Head. ***

** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 470 - 479 3:3-0

Études spécialisées en littérature canadienne d'expression française - an AA-ZZ series

Études spécialisées en littérature canadienne d'expression française. Special topics in French-Canadian literature.

*** Prerequisite: FR 370 or permission of Department Head ***

** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FR 480 0:0-0

Séjour à l'étranger ou au Québec - an AA-AB series - Residence Abroad or in Quebec

Une période d'au moins un semestre passée dans une région de langue française constitue une des conditions de l'obtention de la mention "Honours". Ces étudiants s'inscriront en Français 480 afin de conserver leur statut d'étudiant. Aucun droit d'inscription ne sera demandé. As part of the requirements for the BA Honours degree, students must spend at least one semester of residence in a French-speaking area. The course serves to maintain status of students in the program. Course fee waived.

** Permission of the Department Head is required to register. **

FR 490 3:3-0

Options - Honours Options

Les étudiants choisiront soit l'une des options proposées par le département soit un sujet de recherche. Dans ce dernier cas, ils choisiront ce sujet et leur directeur le plus tôt possible. Students will select a topic from a list of options offered by the department, or will choose a research project leading to a research paper. In the latter case, they will choose as early as possible a research area and supervisor.

** Permission of the Department Head is required to register. **

FR 495 - 499 1:3:3-0

Travaux dirigés - an AA-ZZ series - Directed Readings

Travaux dirigés. Directed Readings.

*** Prerequisite: A 300-level French literature course. ***

** Intended for Honours students. Other students with good standing in French courses may register with permission of the Department Head. **

FRLI	French – Language Institute
Faculty of Arts	Institut français and Department of French

Ces cours sont approuvés par la Faculté des arts et donnent plein crédit pour l'obtention du diplôme.

These are approved Faculty of Arts courses and carry full degree program credit.

FRLI 207

3:3-1

Refrancisation III - New Start III

Analyse des difficultés lexicales et syntaxiques particulières aux francophones en milieu minoritaire. Sensibilisation à la complexité de la langue. Analysis of the language difficulties peculiar to francophones in a minority situation.

*** Préalable: Test de placement ou permission de l'Institut français.

*** Prerequisite: Placement test or permission of the Institut français.

FRLI 208

3:3-1

Technique rédactionnelles - Writing Techniques

Composition pratique. Sensibilisation à l'organisation des idées et aux niveaux de langue requis pour une communication écrite efficace dans la vie courante et au travail. Practical composition. Study of effective organization of ideas and of levels of language required for written communication at work and in everyday life.

*** Préalable: FR 207 ou permission de l'Institut français. ***

*** Prerequisite: FR 207 or permission of the Institut français. ***

FRLS	French as a Second Language
Faculty of Arts	Institut français and Department of French

Les cours FRLS s'adressent uniquement aux étudiants acceptés dans le programme du Certificat en français langue seconde.

FRLS courses are restricted to students who have been accepted into the Certificate in French as a Second Language program.

FRLS 116

2:6-6

Principes et production du français oral 1 - Principles and Production of Oral French 1

Des documents culturels authentiques (audio, audio-visuels écrits) servent de point de départ à l'élargissement du vocabulaire et au développement de la compréhension et de l'expression orales. Audio-visual, audio and written authentic cultural documents are the starting point for vocabulary expansion, and for the development of oral comprehension and expression.

*** Préalable: test de placement, et 12e année français de base ou FR 102, ou permission du chef de département. ***

*** Cours concomitant: FRLS 119 ***

** Pour s'inscrire, il faut avoir la permission de l'Institut français. **

* Note: anciennement FRLI 200. L'étudiant ne peut pas recevoir des crédits à la fois pour FRLS116 et FRLI 200. *

*** Prerequisite: Placement test, and Grade 12 Core French or FR 102, or permission of Department Head ***

*** Corequisite: FRLS 119 ***

** Permission of the Institut français is required to register. **

* Note: Formerly numbered FRLI 200. Students may not receive credit for both FRLS 116 and FRLI 200. *

FRLS 117

2:6-6

Principes et production du français oral 2 - Principles and Production of Oral French 2

Ce cours intensif est la suite du cours FRLS 116.

This intensive course is the continuation of FRLS 116.

*** Préalable: FRLS 116, avec une note minimum de 60%. ***

*** Cours concomitant: FRLS 120 ***

* Note: Anciennement FRLI 201. L'étudiant ne peut pas recevoir des crédits à la fois pour FRLS 117 et FRLI 201. *

*** Prerequisite: FRLS 116 with a minimum grade of 60% ***

*** Corequisite: FRLS 120 ***

* Note: Formerly numbered FRLI 201. Students may not receive credit for both FRLS 117 and FRLI 201. *

FRLS 118

2:6-6

Principes et production du français oral 3 - Principles and Production of Oral French 3

Ce cours intensif est la suite du cours FRLS 117. This intensive course is a continuation of FRLS 117.

*** Préalable: FRLS 117, avec une note minimum de 60%. ***

*** Cours concomitant: FRLS 121 ***

* Note: anciennement FRLI 203. L'étudiant ne peut pas recevoir des crédits à la fois pour FRLS 118 et FRLI 203. *

*** Prerequisite: FRLS 117 with a minimum grade of 60% ***

*** Corequisite: FRLS 121 ***

* Note: Formerly numbered FRLI 203. Students may not receive credit for both FRLS 118 and FRLI 203. *

FRLS 119 **3:9-3**
Grammaire et rédaction 1 - Grammar and Writing 1
 Cours intensif avec accent sur l'étude et l'application de la grammaire du français écrit. Principes fondamentaux de la rédaction en français. Exercices de rédaction.
 Intensive course with emphasis on the study and application of the grammar of written French fundamentals of writing in French, and composition exercises.
 *** Préalable: test de placement, et 12e année français de base ou FR 102, ou permission du chef de département. ***
 *** Cours concomitant: FRLST 116 ***
 * Note: L'étudiant ne peut pas recevoir des crédits à la fois pour FRLS 119 et FR 113. *
 *** Prerequisite: Placement test, and Grade 12 Core French or FR 102, or permission of Department Head ***
 *** Corequisite: FRLST 116 ***
 * Note: Students may not receive credit for FRLS 119 and FR 113. *

FRLS 120 **3:9-3**
Grammaire et rédaction 2 - Grammar and Writing 2
 Ce cours intensif est la suite du cours FRLS 119.
 This intensive course is a continuation of FRLS 119.
 *** Préalable: FRLS 119, avec une note minimum de 60%. ***
 *** Cours concomitant: FRLST 117 ***
 * Note: L'étudiant ne peut pas recevoir des crédits à la fois pour FRLS 120 et FR 115. *
 *** Prerequisite: FRLS 119 with a minimum grade of 60% ***
 *** Corequisite: FRLST 117 ***
 * Note: Students may not receive credit for FRLS 120 and FR 115. *

FRLS 121 **3:9-3**
Grammaire et rédaction 3 - Grammar and Writing 3
 This intensive course is a continuation of FRLS 120. Ce cours intensif est la suite du cours FRLS 120.
 *** Préalable: FRLS 120, avec une note minimum de 60%. ***
 *** Cours concomitant: FRLS 118 ***
 * Note: L'étudiant ne peut pas recevoir des crédits à la fois pour FRLS 121 et FR 213. *
 *** Prerequisite: FRLS 120 with a minimum grade of 60% ***
 ***Corequisite: FRLS 118 ***
 * Note: Students may not receive credit for FRLS 121 and FR 213. *

FRLS 212 **3:3-3**
Structure du discours oral - Structure of oral discourse
 Accent sur la maîtrise de la grammaire et de la structure de la narration, de l'explication et de la description orales. Comprend un stage en milieu francophone.
 Emphasis on the mastery of grammar rules and the structure of oral narration, description, and explanation. Field experience in a francophone environment.
 *** Préalables: FRLS 118 et FRLS 121 avec, dans les deux, une note minimum de 60%, ou permission du chef de département. ***
 *** Cours concomitant: FRLS 218 ***
 * Note: anciennement FRLI 204 et FRLI 205. L'étudiant ne peut pas recevoir des crédits à la fois pour FRLS 212 et, soit FRLI 204 ou FRLI 205. *
 *** Prerequisite: FRLS 118 and FRLS 121, both with a minimum grade of 60%, or permission of the Department Head ***
 *** Co-requisite: FRLS 218 ***
 * Note: Formerly numbered FRLI 204 and FRLI 205. Students may not receive credit for both FRLS 212 and either of FRLI 204 or FRLI 205. *

FRLS 218 **9:9-3**
Français écrit et culture francophone - Written French and Francophone Culture
 Approfondissement de la grammaire du français écrit. Étude de textes portant sur certains aspects sociaux et culturels de la francophonie. Résumé et composition. Further study of the grammar of written French. Study of texts on cultural and social aspects of the francophonie. Exercises in summarizing texts and composition.
 *** Préalables: FRLS 118 et FRLS 121 avec, dans les deux, une note minimum de 60%, ou permission du chef de département. ***
 *** Cours concomitant: FRLS 212 ***
 * Note: L'étudiant ne peut pas recevoir des crédits à la fois pour FRLS 218 et, soit FR 214, FR 230, ou 231. *
 *** Prerequisite: FRLS 118 and FRLS 121 with a minimum grade of 60% or permission of Department Head ***
 *** Corequisite: FRLS 212. ***
 * Note: Students may not receive credit for FRLS 218 and any of FR 214, 230, or 231. *

GEOG	Geography
Faculty of Arts	Department of Geography

GEOG 100 **3:3-0**
Introduction to Geography
 An introduction to the human and natural environments from a geographical perspective. The fundamental themes, of human and physical geography are examined by focusing upon global issues and regional patterns.

GEOG 205 **3:3-0**
Geographic Data: Collection, Interpretation, Display
 Data collection, descriptive statistics, tabular and diagrammatic display.
 *** Prerequisite: GEOG 100 or permission of Department Head ***

GEOG 207 **3:3-0**
Basics of Map and Air Photo Interpretations
 Introduction to the interpretation of various kinds of maps, air photos and satellite images.
 *** Prerequisite: GEOG 100 or permission of Department Head ***

GEOG 210 **3:3-0**
Canada
 A systematic and regional geography of Canada. Elements of the natural environment; the human response in terms of territorial evolution, settlement and economic activity. Regions, regional identities, and regionalism.
 *** Prerequisite: GEOG 100 or permission of Department Head ***

GEOG 220 **3:3-1**
Human Geography
 Explanation of human placement in and interaction with the natural environment; assessment of concepts processes and patterns as related to distribution of human phenomena, including economic activity and settlement types.
 *** Prerequisite: GEOG 100 or permission of Department Head ***

GEOG 221 **3:3-1**
Physical Geography
 The physical basis of geography; climate, landforms, and the geography of water, soil, and plants. Emphasis is placed on processes that account for the earth's natural landscapes and their geographic variability.
 *** Prerequisite: GEOG 100 or permission of Department Head ***

GEOG 226 **3:3-3**
Environmental Issues
 This course focuses on environmental issues studied from a geographical perspective. It introduces students to the philosophical, socio-economic, physical, and technological foundations underlying contemporary environmental issues.
 *** Prerequisite: GEOG 100 or permission of the Department Head ***
 * Note: Not to be taken by students who have successfully completed both of former GEOG 200 (Environmental Issues, 3 credit hours) or GEOG 221 (Physical Geography, 4 credit hours) and former GEOG 240 (Human Geography, 4 credit hours). *

GEOG 301 **3:3-0**
Nature and Philosophy of Geography
 This course is an introduction to the history of geography, and to the research philosophies and methodological concepts applied in the discipline.
 *** Prerequisite: GEOG 100, 220, and 221 or permission of Department Head ***

GEOG 303 **3:3-3**
Geographical Information Systems and Science
 Concepts and theories behind spatial data analysis using geographic information systems (GIS). Topics include: sources of spatial data, spatial models, solving spatial issues using raster and vector analysis methods. Operational training in GIS is included.
 *** Prerequisite: GEOG 207 and either GEOG 205 or STAT 100 or 160 or permission of Department Head ***
 * Note: Formerly numbered GEOG 405. Students may not receive credit for both GEOG 303 and GEOG 405. *

GEOG 305 Quantitative Techniques in Geography An examination of the statistical techniques commonly used in the analysis of geographic data. Emphasis is placed upon spatial sampling, hypothesis testing, correlation and regression. *** Prerequisite: GEOG 205 or permission of Department Head ***	3:3-0	GEOG 324 Urban Geography The course examines cities as systems viewed at global, national, and local levels. Economic and social patterns and linkages are stressed. Special emphasis is placed on the Canadian urban system and the urban geography of Regina. *** Prerequisite: GEOG 220 or permission of Department Head ***	3:3-0
GEOG 307 Fundamentals of Cartography Introduction to map making: map projections, scale and generalization, methods of representing objects by symbols, map compilation, and planning of legends. *** Prerequisite: GEOG 207 or permission of Department Head ***	3:3-0	GEOG 325 Biogeography An examination of the geographic distributions of plants and animals and the historical, geologic, and contemporary processes underlying those distributions. The course will include study of the influence of climate change, continental drift, and human activity on spatial distribution of flora/fauna. *** Prerequisite: GEOG 221 or permission of Department Head ***	3:3-0
GEOG 309 Introduction to Remote Sensing in Geography Basic concepts of remote sensing, a review of sensors and their images, emphasis on image interpretation and analysis, and introduction to application areas in geographic studies. *** Prerequisite: GEOG 207 and either GEOG 205 or STAT 100 or STAT 160 or permission of Department Head *** * Note: Formerly numbered GEOG 331. Students may not receive credit for both GEOG 309 and GEOG 331. *	3:3-3	GEOG 326 Environment and Resource Management A systematic analysis of geographical aspects of theory and methods of natural resource management. Focus is on the geographer's role in resource analysis and policy decisions with examples from agriculture, forestry, wildlife, energy, and parks. *** Prerequisite: GEOG 220 or GEOG 221, or permission of Department Head ***	3:3-0
GEOG 310 Geography of Saskatchewan A systematic and regional approach to the geography of Saskatchewan, emphasizing climate, natural resources, population, settlement, economy and changes in the same. *** Prerequisite: One of GEOG 210, GEOG 220, GEOG 221, or permission of Department Head *** * Note: Formerly numbered GEOG 320. Students may not receive credit for both GEOG 310 and GEOG 320. Web delivered class sections may be subject to an additional \$50.00 material fee. *	3:3-3	GEOG 327 Hydrology Basic principles of hydrology and the geography of water. Emphasis on the surface components of the hydrological cycle, and on the collection and analysis of hydrometric data. *** Prerequisite: GEOG 221 or permission of Department Head ***	3:3-0
GEOG 314 Europe A systematic approach to the geography of Europe. Emphasis is placed on selected themes in the physical, historical, cultural, political, and economic geography of the area. Regional study will be limited to five or six selected countries and will help to illustrate the rapid changes taking place in Europe. *** Prerequisite: GEOG 220 or GEOG 221 or permission of Department Head ***	3:3-0	GEOG 328 Population Geography The course examines the dynamics of population change, population theories, and population forecasting. The demographic experiences of different world regions are contrasted. Particular reference is made to the demography of Saskatchewan's population. *** Prerequisite: GEOG 220 or permission of Department Head ***	3:3-0
GEOG 316 Geography of the Third World The so-called "Third World" is examined from a spatial perspective. Topics of investigation include imperialism, population growth, political boundaries, and economic transition. *** Prerequisite: GEOG 220 or GEOG 221 or permission of Department Head ***	3:3-0	GEOG 329 Soil Geography Introduction to the properties, and classification of soil. The geography of soil at local, regional, and global scales. Relationship of soil to geomorphology, climate, water, vegetation, and environmental change. *** Prerequisite: GEOG 221 or permission of Department Head *** * Note: Students may receive credit for only one of GEOG 329 or GEOL 329. *	3:3-1
GEOG 318 United States of America A systematic and regional approach to the geography of the United States, emphasizing population movements and distribution, the natural environment, economic geography, and regional studies. *** Prerequisite: GEOG 220 or GEOG 221 or permission of Department Head ***	3:3-0	GEOG 330 Political Geography The effect of political action on present-day geography, and of geography on political problems. *** Prerequisite: GEOG 220 or permission of Department Head ***	3:3-0
GEOG 321 Meteorology The basic principles of meteorology with special attention to weather conditions on the Canadian prairies. *** Prerequisite: GEOG 221 or permission of Department Head ***	3:3-0	GEOG 332 Geography of Recreation and Tourism Employing multiple analytical approaches, this course examines the economic, social, cultural, and environmental factors and processes of recreation and tourism, and their implications on the environment, space, and place, at a variety of geographical and temporal scales. *** Prerequisite: GEOG 220 or permission of Department Head ***	3:3-0
GEOG 322 Economic Geography Areal distribution of economic activity and characteristics of different industries. Theories of location, models of regional economic development, problems resulting from different levels of economic development. *** Prerequisite: GEOG 220 or permission of Department Head ***	3:3-0	GEOG 333 Natural Hazards Characteristics and human impacts of selected natural hazards. Risk evaluation and responses. General and case study approaches, with emphasis on atmospheric and geomorphic hazards in Canada and the developing world. *** Prerequisite: GEOG 220 and 221, or permission of Department Head ***	3:3-0
GEOG 323 Geomorphology The study of landforms and the processes which create and modify them. Emphasis on the mechanics of geomorphic processes and how they relate to properties of earth materials. *** Prerequisite: GEOG 221 or permission of Department Head ***	3:3-0	GEOG 334 Rural Geography An introduction to the components of occupation and production patterns in the rural landscape; settlement and land use. Emphasis is placed on the functions of rural areas. Introduction to rural planning. *** Prerequisite: GEOG 220 or permission of Department Head ***	3:3-0

GEOG 336 Cultural/Historical Geography Theoretical and methodological approaches to the spatio-temporal expression of culture and to the historical development of present geographical conditions. Emphasis on sources for reconstruction of past environments and analyzing geographical change over time. *** Prerequisite: GEOG 220 or permission of Department Head ***	3:3-0	*** Prerequisite: GEOG 323 or permission of Department Head *** * Note: Formerly numbered GEOG 423AB. Students may not receive credit for both GEOG 423 and 423AB. *
GEOG 338 Geography and Gender An examination and comparison of the fe/male use and perception of space and place by time-period and culture and age: in homes, neighbourhoods, cities, rural areas, recreation, travel, environment, politics, race, education and ethnicity. *** Prerequisite: GEOG 220, or a 200-level Women's Studies course, or permission from the Department Head ***	3:3-3	GEOG 424 Topics in Urban Planning The course examines the classical roots of modern urban planning, the core concepts of planning theory, and the land-use plan. Emphasis is placed on urban planning in Canada and especially in Regina. Local field trips form an integral part of the course. *** Prerequisite: GEOG 324 or permission of Department Head ***
GEOG 390 Directed Reading and Research - an AA-ZZ series. Courses designed, typically in human geography, for individual students. ** Permission of the Department Head may be required to register in some offerings. **	1-3:3-0	GEOG 426 Topics in Water Resources Management Regional, socio-economic, and environmental issues in water resources management. Study of water management in selected regions such as the Canadian prairies and the Columbia and Missouri River basins. *** Prerequisite: GEOG 220 or 221, or permission of Department Head ***
GEOG 391 Directed Reading and Research - an AA-ZZ series. Courses designed, typically in physical geography, for individual students. ** Permission of the Department Head may be required to register in some course offerings. **	1-3:3-0	GEOG 429 Glacial and Periglacial Geomorphology An advanced course relating to cold environments and their geomorphic processes. Topics cover glacial and periglacial processes and their resulting landforms. Special attention will be paid to the Canadian Arctic environment and the history of glaciation in Canada, particularly during the last glacial episode during the Wisconsin advance and retreat. *** Prerequisite: GEOG 323 or permission of Department Head *** * Note: Formerly numbered GEOG 423AA. Students may not receive credit for both GEOG 429, GEOG 423AA or GEOL 329. *
GEOG 396 Selected Topics - an AA-ZZ series. Courses, typically in human geography, designed as required for groups of senior undergraduates. ** Permission of the Department Head may be required to register in some offerings. **	1-3:3-3	GEOG 440 Geography of the Caribbean The course surveys the physical and human geography of the Caribbean basin. Particular focus is placed on environmental management and economic development issues. Detailed case studies are drawn from the geography of Jamaica. Note: The course includes a 7-day field trip to Jamaica conducted during the February mid-term break. *** Prerequisite: GEOG 220 and GEOG 221, or permission of Department Head *** * Note: Formerly numbered GEOG 496AA. Students may not receive credit for both GEOG 440 and GEOG 496AA. *
GEOG 397 Selected Topics - an AA-ZZ series. Courses, typically in physical geography, designed as required for groups of senior undergraduates. ** Permission of the Department Head may be required to register in some offerings. **	1-3:3-0	GEOG 490 Directed Reading and Research - an AA-ZZ series. Courses, typically in human geography, designed for individual students. ** Permission of the Department Head may be required to register in some offerings. **
GEOG 409 Advanced Spatial Analysis and Visualization (GIS) Advanced topics in geomatics exploring the coupling and integration of computer-assisted cartography, spatial statistics and analysis, GIS, and remote sensing. Students will work in small groups to design geomatics solutions addressing selected planning, environmental management or research problems. *** Prerequisite: GEOG 303, 305, 307, and 309, or permission of Department Head ***	3:3-3	GEOG 491 Directed Reading and Research - an AA-ZZ series. Courses, typically in physical geography, designed for individual students. ** Permission of the Department Head may be required to register in some offerings. **
GEOG 411 Field Techniques in Physical Geography Techniques for the acquisition and analysis of field data used in physical geographical research. *** Prerequisite: GEOG 205 or permission of Department Head ***	3:3-0	GEOG 496 Selected Topics - an AA-ZZ series. Courses, typically in human geography, designed as required for groups of senior undergraduates. ** Permission of the Department Head may be required to register in some offerings. **
GEOG 421 Topics in Climatology and Meteorology Weather and human activities. Response to weather hazards: hurricanes, thunderstorms, droughts. World climate regions. Climate change. Human impact of weather, weather forecasting and climatological information. Anthropogenic effects on the atmosphere. *** Prerequisite: GEOG 321 or permission of Department Head ***	3:3-0	GEOG 497 Selected Topics - an AA-ZZ series. Courses, typically in physical geography, designed as required for groups of senior undergraduates. ** Permission of the Department Head may be required to register in some offerings. **
GEOG 422 Regional Economic Development Problems, processes, and patterns of regional economic development are examined in the context of developing and developed nations. Emphasis is placed on examples drawn from Canada, Western Europe, Latin America, and tropical Africa. *** Prerequisite: GEOG 322 or permission of Department Head. ***	3:3-0	GEOG 499 Honours Thesis - an AA-AC series. An exposition of a topic approved by the department. The thesis should draw some original conclusions on the topic concerned. ** Permission of the Department Head is required to register. ** * Note: The required 6 hours may be taken in one semester (GEOG 499AC) or spread equally over two consecutive semesters (GEOG 499AA and GEOG AB). *
GEOG 423 Advanced Geomorphology An advanced course in landforms and the processes that create and modify them. Topics include glacial, periglacial, and theoretical geomorphology, and the relationship between geomorphology and environmental change.	3:3-3	

GEOL	Geology
Faculty of Science	Department of Geology

GEOL 102 3:3-1.5
Environmental Geology
The nature of the earth. Plate tectonics and the geological time scale. Earthquakes, volcanism and surface processes with reference to their effect on the human environment. Earth resources, waste disposal, and pollution in a geological context.

GEOL 201 3:3-3
Internal Processes of the Earth
Internal earth processes and materials composing the earth. The geological time scale. Deformation and structures of earth materials. Plate tectonics, continental drift and mountain building. Earth resources.
*** Prerequisite: Students must pass GEOL 102 with a grade of 60%.

GEOL 210 3:3-3
Mineralogy I
Crystal structure and symmetry, Chemistry and occurrence of minerals. Mineral optics.
*** Prerequisite: GEOL 201 (concurrent enrolment allowed) ***

GEOL 211 3:3-3
Mineralogy II
Mineral phase diagrams. Minerals of igneous, metamorphic and sedimentary rocks. Mineral paragenesis. Geothermometers and geobarometers. X-ray techniques. Introduction to thin section identification of minerals in igneous, sedimentary, and metamorphic rocks.
*** Prerequisite: GEOL 210 ***

GEOL 220 3:3-3
Invertebrate Paleontology
Classification, morphology, evolution, paleoecology, and stratigraphic distribution of the main groups of fossils.
*** Prerequisite: GEOL 102 ***

GEOL 240 3:3-3
Historical Geology
History of the earth from the Archean to the Cenozoic Era. Major physical and biological global events emphasizing North America and Western Canada. Stratigraphic correlation and characteristic fossil assemblages.
*** Prerequisite: GEOL 102 ***

GEOL 250 3:3-3
Structural Geology I
Primary structural features. Geometry of structural features including simple folds and faults. Relationship between structural features and land forms. Geological maps and air photos.
*** Prerequisite: GEOL 201 and GEOL 211 ***

GEOL 270 3:3-3
Resources of the Earth
An intermediate course focused on origin, global distribution, use and environmental impact of earth resources, metallic minerals, energy resources, industrial minerals, and the social, economic and political implications of mineral resources.
*** Prerequisite: GEOL 102 ***
* Note: GEOL 270 may not be taken by students who have passed GEOL 472 and/or GEOL 470. *

GEOL 313 3:3-3
Igneous Petrology I
Classification and genesis of igneous rocks. Introduction to the common igneous rock suites and associations. Study of hand specimens and thin sections.
*** Prerequisite: GEOL 211 ***

GEOL 314 3:3-3
Sedimentology
Classification, genesis, and petrology of sedimentary rocks. Sediment transport and deposition processes. Sedimentary environments.
*** Prerequisite: GEOL 201 and 211 ***

GEOL 315 3:3-3
Metamorphic Petrology
Metamorphic minerals, rocks and processes. Agencies and occurrence of metamorphism. Metamorphic grade, zones and facies.

Metamorphic reactions and the petrogenic grid. Metamorphic textures. Anatexis and development of migmatites.
*** Prerequisite: CHEM 102 or 103, CHEM 230 and GEOL 211.
CHEM 230 may be taken concurrently. ***

GEOL 329 3:3-1
Soil Science
Introduction to the properties analyses, and classification of soil. The distribution geography of soil at local, regional, and global scales. Relationship of soil to geomorphology, climate, water, vegetation, and environmental change.
*** Prerequisite: GEOG 221 ***
* Note: Students may not receive credit for both GEOL 329 and GEOG 329 or GEOL 494AD. *

GEOL 340 3:3-3
Stratigraphy
Principles and problems of stratigraphy. Geological history of North America in its world setting. Index fossils. Geological maps.
*** Prerequisite: GEOL 220, 240 and 314. GEOL 314 may be taken concurrently. ***

GEOL 350 3:3-3
Structural Geology II
Morphology, nomenclature and classification of large and small scale structures in the earth's crust. Natural stress-strain relations and structural analysis and interpretation. Major tectonic features of the earth.
*** Prerequisite: GEOL 250 and PHYS 109 ***

GEOL 371 3:3-3
Principles of Groundwater Flow
Principles of groundwater flow, properties of aquifers, geology of groundwater occurrence, and regional groundwater flow with examples from the Western Canadian Sedimentary Basin.
*** Prerequisite: GEOL 314, 340, MATH 110 or permission of Department Head. GEOL 340 may be taken concurrently. ***

GEOL 396 1:0-1
Geology Field Camp I
Geological study and mapping in an area of sedimentary rocks. Supervised study for several days during the Spring/Summer semester. An additional charge will be assessed to cover accommodation and meals.
*** Prerequisite: Six courses (18 credit hours) in Geology. ***
* Note: Students must advise the Geology Department of their intent to register prior to February 15. *

GEOL 400 3:0-0
Undergraduate Thesis in Geology
Original investigation under the supervision of a faculty member. A thesis describing the research is written and presented, and defended.
*** Prerequisite: GEOL 313, 314, 315, 340, 350 and 396, a minimum grade point average of 70% ***
** Permission of the Department Head is required to register. **

GEOL 413 3:3-3
Igneous Petrology II
Advanced study of the processes of magma formation and crystallization. Characteristics and genesis of igneous rock suites and associations. Study of igneous rock suites in hand specimen and thin section.
*** Prerequisite: GEOL 313 ***
* Note: Offered in odd-numbered years only. *

GEOL 414 3:3-3
Geology of Siliciclastic Rocks
Depositional models using modern sedimentary analogues to interpret ancient environments.
*** Prerequisite: GEOL 314 and GEOL 340 ***

GEOL 416 3:3-3
Geology of Carbonate Rocks
Modern and ancient depositional environments of limestone and dolomite. Diagenetic processes affecting carbonate rocks.
*** Prerequisite: GEOL 314 ***

GEOL 429 3:3-3
Glacial and Periglacial Geology
An advanced course relating to cold environments and their geomorphic processes. Topics cover glacial and periglacial processes and their resulting landforms. Special attention will be paid to the Canadian Arctic environment and the history of glaciation in

Canada, particularly during the last glacial episode during the Wisconsin advance and retreat.

*** Prerequisite: GEOG 323 ***

* Note: Students may not receive credit for both GEOL 429 and GEOG 429 or GEOG 423AA. *

GEOL 450 3:3-3 **Geotectonics**

Internal features and processes of the earth: formation and evolution in the context of evolution of the solar system. The earth's lithosphere and lithospheric processes. Plate tectonics and orogenic activity. Lithotectonic associations and crustal evolution.

*** Prerequisite: GEOL 350 ***

* Note: Not offered every year. *

GEOL 451 3:3-3 **Geology of North America**

Geology and geological history of North America, with emphasis on Canada. The nature of continental assembly, crustal evolution and geodynamics through time, and comparative studies of lithostratigraphy and magmatism in relation to geotectonic environment. Phanerozoic sedimentary basins.

*** Prerequisite: GEOL 313, 315, 340, and 350 ***

* Note: Not offered every year. *

GEOL 460 3:3-3 **Applied Exploration Geophysics**

Introduction to geophysical methods including seismic, magnetics, gravity, electromagnetics, IP, radiometrics, and remote sensing. Application to finding and developing petroleum pools and mineral deposits.

*** Prerequisite: MATH 110, PHYS 112 or PHYS 119 and GEOL 201 or permission of the Department Head ***

GEOL 470 3:3-3 **Metallic Mineral Deposits**

Geologic characteristics and genesis of metallic mineral deposits. Basic concept of mineral exploration. Ore mineralogy and petrology.

*** Prerequisite: GEOL 313, 314, and 315 ***

GEOL 471 3:3-3 **Geochemistry**

Principles of crystal, aqueous, and isotopic geochemistry, and applications to igneous, sedimentary, and metamorphic rocks, and geochemical exploration. Principles of radiometric dating of rocks. Practical problem solving in applied geochemistry.

*** Prerequisite: CHEM 230, and two of GEOL 313, 314 and 315, or permission of Department Head ***

GEOL 472 3:3-3 **Petroleum Geology**

Origin, accumulation, and occurrence of petroleum. Reservoir rocks, fluids and traps. Reservoir conditions and mechanics. Mechanical logs and subsurface methods. Application to finding and developing petroleum pools.

*** Prerequisite: GEOL 340 or permission of Department Head ***

GEOL 473 3:3-3 **Petroleum Geochemistry**

Production of organic matter and its accumulation and transformation in sedimentary rocks. Kerogen and the generation, migration and alteration of petroleum. Formation of coal. Application to oil and gas exploration.

*** Corequisite: GEOL 472 or permission of Department Head ***

* Note: Not offered every year. *

GEOL 474 3:3-3 **Environmental Hydrogeology**

Water chemistry, water quality and contamination, discussion of remediation (clean-up) of soil and water, and computer modeling of various hydrogeological problems.

*** Prerequisite: GEOL 371 and CHEM 230 ***

* Note: Not offered every year. *

GEOL 490 - 495 3:3-0 **Directed Readings - an AA-ZZ series.**

Courses designed to meet the specific needs of individual students.

GEOL 496 2:0-2 **Geology Field Camp II**

Geological mapping and study in an area of crystalline rocks. Supervised study for several days during the Spring/Summer

semester. An additional charge will be assessed to cover accommodation and meals.

*** Prerequisite: GEOL 396, 350, and GEOL 313 or GEOL 315 ***

* Note: Students must advise Geography Department of their intent to register prior to May 15. *

GER	German
Faculty of Arts	Department of International Languages

GER 100 3:3-1 **German Language & Culture I**

Introduction to speech acts, their underlying structures, paradigms, syntax and cultural context. Stress on communicative competence and cross-cultural awareness. Printed and electronic learning materials.

*** Prerequisite: No previous background in German. Refer to the Department of International Languages Section of the Undergraduate Calendar (How to choose a language) for details. ***

GER 101 3:3-1 **German Language & Culture II**

Completion of overview of speech acts, their underlying structures, paradigms, syntax and cultural context. Further emphasis on oral and written communicative competence and cross-cultural awareness. Printed and electronic learning materials.

*** Prerequisite: GER 100 or Grade 12 German, or permission of Department ***

GER 102 3:3-1 **German Language & Culture III**

Review of fundamental structures and paradigms; further practice in oral and written comprehension and expression; emphasis on extension of vocabulary, text-type recognition and production in an intercultural context. Printed and electronic learning materials.

*** Prerequisite: GER 101 or 110 or permission of Department ***

GER 110 6:6-2 **Intensive Introductory German**

This course combines the material of GER 100 and 101.

* Note: Student may not receive credit for GER 100 or 101, and 110. *

GER 201 3:3-1 **Syntax and Communication**

Development of oral and written communicative independence; stress on idiomatic usage, text type recognition and production. Printed and electronic learning materials.

*** Prerequisite: GER 102 or permission of Department ***

GER 202 3:3-1 **Stylistics and Communication**

Strengthening of oral and written proficiency; extension of idiomatic usage, recognition and production of a broad range of text types and differing styles and registers. Printed and digitized-video materials.

*** Prerequisite: GER 201 or permission of Department ***

GER 223 3:3-0 **German Culture and Civilization**

Highlights in the history and development of Germanic cultures and civilizations from the beginnings to the present day. Readings and discussions of events and developments in various fields. Topics may include the arts, literature, society and politics.

*** Prerequisite: Any 200-level course in Arts, or ENGL 110, or permission of Department ***

* Note: This course can be used to fulfill the Arts second language core requirement only under special circumstances. Consult the department or your Faculty or College. Taught in English. *

GER 250 3:3-3 **Introduction to German Literature and Literary Genres**

This course serves as an introduction to German literature, literary genres and analysis. Representative German-language authors and works from a range of literary epochs will be examined, but emphasis will be placed on shorter works of modern German literature.

*** Prerequisite: GER 201 or permission of Department ***

GER 290 1-3:3-0 **Tutorials in German**

These courses are designed to increase students' skills in reading, writing, language comprehension, and communication.

*** Prerequisite: GER 201 or permission of Department Head ***

** Permission of Department may be required to register in some offerings. **

* Note: No more than a total of 3 credit hours of GER 290 can be counted towards a major in German. *

GER 300 3:3-1

Advanced Idiomatic Usage and Review I

Strengthening of oral and written fluency, review and extension of complex idiomatic usage and syntax. Text-type, style and register recognition and production. Also included is an examination of events of the day as reported through the media; print, radio, television, and internet. Discussions, essay-writing and presentations in German.

*** Prerequisite: GER 202 or permission of Department ***

* Note: This course prepares students for further studies in culture, linguistics and literature, and/or for a period of study abroad in any area of study at a German- language university. Students who complete this course may qualify to take an examination leading to the internationally recognized Zertifikat Deutsch als Fremdsprache. *

GER 301 3:3-0

German for Reading Knowledge and Research I

Develops reading ability in specialized areas.

** Permission of Department is required to register. **

* Note: This course does not fulfill the Arts second language core requirement. Recommended for advanced undergraduate and graduate studies. *

GER 302 3:3-0

German for Reading Knowledge and Research II

Consolidates reading ability in specialized areas.

*** Prerequisite: GER 301 or permission of Department ***

* Note: This course does not fulfill the Arts second language core requirement. Recommended for advanced undergraduate and graduate studies. *

GER 303 3:3-0

German for Business

Introduction to business German, business correspondence, resumes, reports, and presentations.

*** Prerequisite: GER 201 or permission of Department ***

GER 304 3:3-0

Business German in the International Context

Issue-oriented social and economic concerns.

*** Prerequisite: GER 201 or permission of Department ***

GER 327 3:3-0

Selected Topics in German Studies - an AA-ZZ series.

Readings and discussions of relevant or current issues focusing on a particular topic through literary and/or linguistic analysis: e.g. German Identity, Multiculturalism, Women Writers, Gender Studies, Lifelong Learning and Aging, Germany in the European Context, Migrant and Minority Groups, Spelling Reform. Courses conducted in German and/or English.

*** Prerequisite: GER 250, or ENGL 110, or any 200-level course in the humanities or history, or permission of Department ***

** Permission of department may be required to register in some offerings. **

* Note: This course can be used to fulfill the Arts second language core requirement only under special circumstances. Consult the department or your faculty or federated college. *

GER 390 1-3:3-0

Tutorials in German - an AA-ZZ series.

*** Prerequisite: GER 202 ***

** Permission of Department may be required to register in some offerings. **

GER 400 3:3-1

Advanced Idiomatic Usage and Review II

Continuation of GER 300. Strengthening oral and written fluency, review and extension of complex idiomatic usage and syntax. Text-type, style and register recognition and production. Also included is an examination of events of the day as reported through the media; print, radio, television, and internet. Discussions, essay-writing and presentations in German.

*** Prerequisite: GER 300 ***

* Note: This course prepares students for further studies in culture, linguistics and literature, and/or for a period of study abroad in any area of study at a German-language university. Students who complete this course may qualify to take an examination leading to the internationally recognised Zertifikat Deutsch als Fremdsprache. *

GER 427 3:3-0

Selected Topics in German Literature - an AA-ZZ series.

Readings in specific periods or from individual authors.

*** Prerequisite: GER 250 and 300, or permission of Department ***

** Permission of Department may be required to register in some offerings. **

GER 442 3:3-0

German Classicism

The classical period. Theory of culture, humanism and the masterpieces of Goethe, Schiller and other.

*** Prerequisite: GER 250 and 300, or permission of Department ***

GER 443 3:3-0

German Romanticism

Studies in the development of German Romantic thought as expressed in the works of Novalis, Tieck and the later romantics such as Brentano, E.T.A. Hoffmann and others.

*** Prerequisite: GER 250 and 300, or permission of Department ***

GER 450 3:3-0

German Realism

Selected readings in prose, poetry and drama from the works of writers like Heine, Grillparzer, Buchner, Keller, Storm, or Fontane.

*** Prerequisite: GER 250 and 300, or permission of Department ***

GER 461 3:3-0

20th Century Literature (1900-1945)

Survey of German naturalism, expressionism, impressionism, aestheticism. Studies of selected writers such as Hauptmann, Thomas Mann, Hesse, Holmannsthal, Rilke, Kafka, and Brecht.

*** Prerequisite: GER 250 and 300, or permission of Department ***

GER 462 3:3-0

20th Century Literature (1945 to the present)

Introduction to contemporary 20th century literature, including poetry, drama and the novel. A number of significant writers such as Boll, Durrenmatt, Lenz, Grass, Frisch, Bachmann and Wolf will be selected.

*** Prerequisite: GER 250 and 300, or permission of Department ***

GER 490 1-3:3-0

Tutorials in German - an AA-ZZ series.

*** Prerequisite: GER 202 ***

** Permission of Department may be required to register in some offerings. **

GER 495 1-3:3-0

Directed Readings - an AA-ZZ series.

Options in a number of areas in the German language or literature. A fourth-year student may offer a research paper in lieu of one of these courses.

*** Prerequisite: GER 250 and 300, or permission of Department ***

** Permission of Department may be required to register in some offerings. **

HIST	History
Faculty of Arts	Department of History

HIST 101 3:3-3

Rebellion and Resistance in Canadian History

An introduction to history through a thematic study of rebellion and resistance in Canada's past. The course will extend from New France to the twentieth century. Certain historical events within Canada as well as Canadian attitudes and reactions to the great revolutions of the modern age will be studied.

HIST 102 3:3-3

Canada's Wars: Early Times to the Present

An introduction to the study of history that looks at the theme of war and society. The focus is on the Canadian experience from early conflicts in New France to the war in Afghanistan, with emphasis on the transformative impact of World Wars I and II.

HIST 103 3:3-3

Canadian Lives: Biographical Perspectives

Is there history without human agency? In seeking the answer this course examines the contributions of individuals who have effected change in the understanding of what it is to be Canadian. In culture, politics and society it is the personal commitment and passion of people which make the difference.

HIST 104 Introduction to American Life An introduction to American life and the challenges of people who sought to understand, claim and uphold the rights and obligations of U.S. citizenship. A particular emphasis on race and gender themes in the United States will help students gain an appreciation of history as a critical and interpretive discipline.	3:3-3	*** Prerequisite: One 100 level History Course or completion of 15 credit hours *** * Note: Formerly numbered HIST 205 and HIST 206. Students may not receive credit for both HIST 201 and either of HIST 205 or HIST 206. *
HIST 105 Modernization and Its Impact in 20th-Century China and Japan This course aims to impart an understanding of modernization processes in East Asia from the nineteenth century to the 1980s. Attention is focused on how China and Japan addressed the western-led challenge of modernization. Emphasis is also placed on social and economic change.	3:3-3	HIST 202 Canada from World War II to the Present A survey of the making of modern Canada since 1939, including such topics as the building of the welfare state, Canadian foreign policy, the military in war and peacekeeping, Quebec separatism, the women's movement, Aboriginal rights, the new constitution and Charter of Rights, the economy and free trade. *** Prerequisite: One 100 level HIST course or completion of 15 credit hours *** * Note: Formerly numbered HIST 207. Students may not receive credit for both HIST 202 and HIST 207. *
HIST 106 Life & Death in Middle Ages This course examines what it was like to live in Europe during the Middle Ages (400-1400). The themes will concern the everyday realities of ordinary people in this period: for example, childhood; love and marriage; family structures; religious beliefs; housing; diet; health, medicine, and disease; burial practices and death rituals.	3:3-3	HIST 219 History of Canadian Women Examination of women's involvement in Canadian economic, political, social, and cultural life, with focus upon changes in position, status, and perception. Emphasis will be placed upon newcomer women from the era of New France to the 1980s. *** Prerequisite: One 100 level History Course or completion of 15 credit hours ***
HIST 107 Contact, Conquest and Colonies: Europe and the World This course deals with European exploration and empire-building. We explore the economic reasons for expansion as well as its cultural consequences for both conquerors and conquered. Our themes include: the impact on Indigenous populations, the slave trade, the environmental impact on conquered territory, the influence of Christian missionaries.	3:3-3	HIST 224 English History 1216-1485 A survey of the history of England and its relations with Wales, Scotland and France in the later Middle Ages. Topics will include: the development of parliament; art and architecture; heresy; the Black Death; the Hundred Years' War; civil unrest and political strife; life in towns, cities, and the countryside. *** Prerequisite: One HIST 100 or completion of 15 credit hours *** * Note: Formerly numbered HIST 220 and HIST 221. Students may not receive credit for both HIST 224 and either of HIST 220 and HIST 221. *
HIST 108 Culture and Conflict in Modern Europe This course looks at four periods in the history of modern Europe - the Wars of Religion, the Enlightenment, the Age of Revolutions and the 20th Century - from the perspectives of the military conflicts, the ideological commitments and the religious, class, national and supra-national allegiances that characterized them.	3:3-3	HIST 225 Tudor and Stuart Britain Topics include the Tudors, the Protestant Reformation, the growing power of parliament and its changing relationship with the king, the role of religion in early modern society, popular belief and the Civil War. We will also look at the Revolution of 1688 and its implications for the British constitution. *** Prerequisite: One 100 level HIST course or completion of 15 credit hours *** * Note: Formerly numbered HIST 221 and HIST 222. Students may not receive credit for both HIST 225 and either of HIST 221 and HIST 222. *
HIST 109 The History of Things An introduction to the study of history that looks at the way in which historians use non-written sources in the study of the past. Examples will include: coins, images, insects and tombs. A variety of periods will be considered, from ancient times to modern.	3:3-3	HIST 226 The Powerful versus the Poor: the Evolution of Modern Britain Topics include the slave trade and the rise of the abolitionist movement, the loss of the American colonies and Britain's response (both radical and conservative) to the French Revolution, the Industrial Revolution, the Reform Act of 1832, the Irish Potato Famine, and Britain's experience in the two world wars. *** Prerequisite: One 100 level HIST course or completion of 15 credit hours *** * Note: Formerly numbered HIST 223. Students may not receive credit for both HIST 226 and HIST 223. *
HIST 111 Confederation and Constitution-Building An introduction to the study of history that examines the building of Canada from Confederation in the 1860s to the present. The focus is on the Confederation process in the mid-19th century and the subsequent constitutional evolution of Canada.	3:3-3	HIST 231 The American Colonies and the United States before 1865 Examination of such topics as colonial life; Anglo-Native relations; the Revolutionary era; economy, politics, religion, reform, and society in the early republic; antebellum America; slavery and race relations; gender and family issues; westward expansion, war, and diplomacy and the American Civil War. *** Prerequisite: One 100 Level HIST or completion of 15 credit hours.
HIST 112 Latin American Revolutions of the Twentieth Century Revolution struck Latin America frequently during the twentieth century. This course explores the reasons why. Themes include: legacies of conquest, neo-liberalism, role of the church, tradition of caudillismo (strongman rule), gender relations, political reform, and the hegemonic role played by the United States	3:3-3	HIST 234 The United States, 1865-1941 Topics covered include Western expansion and development; growth of the urban industrial order; immigration/ethnicity; African Americans; gender issues; society and culture; regionalism; politics; emergence of the United States as a world power from the end of the Civil War to the beginning of U.S. involvement in World War II. *** Prerequisite: One 100 Level HIST or completion of 15 credit hours.
HIST 200 Canada from the Age of Exploration to Confederation An investigation of the meeting, transformation and development of societies in Canada between European landfall and the achievement of substantial self-government in 1867. Areas of interest: government, politics, economy, society and conflict in la Nouvelle France and British North America. *** Prerequisite: One 100 level History course or completion of 15 credit hours *** * Note: Formerly numbered HIST 203 and HIST 204. Students may not receive credit for both HIST 200 and either of HIST 203 or HIST 204. *	3:3-3	
HIST 201 Canada From Confederation to World War II A survey of Canadian history from Confederation to the outbreak of World War II including such topics as John A. Macdonald's National Policy, western settlement, the rise of urban, industrial Canada, the impact of World War I, society and politics during the 1920s and the Great Depression.	3:3-3	

HIST 235 The United States Since 1941 Topics covered include America as a global power; domestic impact of the Cold War; politics; economic transformation; regionalism; African Americans; ethnic America; gender issues; social movements; society and culture. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0	HIST 265 Early Middle Ages 300-1100 This course covers the emergence of medieval Europe out of Roman, Germanic, and Christian influences. Topics include the Viking attacks, the rise of the Christian Church, the decline and revival of urban life, the "King Arthur" controversy, and the development of kingdoms and empires. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0
HIST 239 A History of the Cowboy The cowboy has served as a central masculine archetype in the Americas since horses were introduced. Not only of historical significance empirically in Argentina, Mexico, and the United States, culturally the cowboy's influence has reached from Hollywood to the White House, the Pampas to Chihuahua. This course explores why. *** Prerequisite: One 100 level HIST course or completion of 15 credit hours ***	3:3-3	HIST 266 Western Europe in the Later Middle Ages, 1100-1400 The themes of this course include: the Crusades, heresies, Church reform, universities and learning, chivalry and courtly love, towns and trade, intensification of anti-Semitism, developments in religion, art and architecture, monarchies and government, the Black Death, the Papacy, and Church-state relations. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0
HIST 240 City and Civilization: An Introduction to Urban History This course is intended as an introduction to urban history. Particular attention will be given to the cultural, economic and historical significance of the cities of Asia, North America and Europe. Looking at a variety of cities, lectures and seminars will address specific problems of urban development. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-3	HIST 270 Europe, 1400-1648: Renaissance and Reformation This course examines the Italian Renaissance in art, culture and thought; overseas explorations; Protestant and Catholic Reformations; rise of the nation state; the Thirty Years War; the Scientific Revolution. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0
HIST 245 History of Modern Mexico This course examines Mexico's history since 1810. It explores and assesses the struggles for independence, caudillismo (strong-man rule), conflict with the United States, war with France, civil war, religion, positivism, neo-liberalism, revolution, single-party rule, gender relations, and indigenismo (Indianism). *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-3	HIST 271 Health, Disease and the Body: The History of Medicine in Western Culture This course surveys the history of medicine by exploring how concepts of healing, disease, and the body have changed over time. Themes to be explored include: the role of magic and religion in healing, social impact of contagious disease, gender and reproduction, mental illness, and the development of medical professions. ***Prerequisite: One 100 level HIST course or completion of 15 credit hours ***	3:3-3
HIST 252 Late Imperial China: Social and Economic History Focuses on the Ming dynasty (1368-1644) and the Qing dynasty (1644-1912), when the traditional political, social, and economic institutions of China reached their fullest development. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0	HIST 272 Gender, Family and Society: Early Modern Social History A survey of western European social organization and values from the 15th to the 18th centuries. Lectures will be organized around the life cycle (childbirth, courtship, marriage and death), the working life, and gender issues. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0
HIST 255 Japan before 1868 Examines Japan from prehistoric times up to the middle of the nineteenth century. Discussion will cover the political, social, economic as well as cultural developments of each period with emphasis on the means by which groups and individuals acquired and attempted to maintain their influence over others. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0	HIST 277 Europe, 1648-1815: Absolutism and Revolution This course surveys the varieties of absolutism under the old regime, the eighteenth-century Enlightenment, the French Revolution and the Napoleonic Empire. It also considers the rise of the public sphere, the beginnings of industrial revolution and changing attitudes toward crime and poverty. *** Prerequisite: One 100 level HIST or completion of 15 credit hours *** * Note: Formerly numbered HIST 274 and HIST 275. Students may not receive credit for both HIST 277 and either of HIST 274 and HIST 275. *	3:3-3
HIST 256 History of Modern Japan Examines the search for a new national identity in modern Japan through an analysis of political, social, economic and cultural changes from 1868 to the 1970s. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0	HIST 278 Twentieth Century Europe First World War, revolutions, peace treaties; League of Nations; fascism, nazism, the Spanish Civil War; causes and consequences of the Second World War; divided Europe since 1945. *** Prerequisite: One 100 level HIST or completion of 15 credit hours *** * Note: Formerly numbered HIST 276. Students may not receive credit for both HIST 278 and HIST 276. Web delivered class sections may be subject to an additional \$50.00 material fee. *	3:3-3
HIST 260 Earliest Civilizations An introduction, emphasizing the use of archaeological data, to the rise and development of the oldest civilizations in the Eastern Hemisphere, particularly those of Mesopotamia and Egypt. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0	HIST 286 The Russian Empire Since Ivan the Terrible Ivan the Terrible and the expansion of Muscovy, Peter the Great and Europeanization, Enlightened absolutism, Russian nationalism, the Russian Revolution, the consolidation of the Soviet Union, the impact of two World Wars, the Cold War, the break up of the Soviet Empire and the reassertion of nationalities and their identities. ****Prerequisite: One 100 level HIST course or completion of 15 credit hours ***	3:3-3
HIST 264 Ancient Greece and Rome An introduction to Mediterranean civilization from c.1000 B.C. to the decline of the Roman Empire in Western Europe. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-0		

HIST 290 Selected Topics - an AA-ZZ series. A survey course on topics of interest in a particular field of History. *** Prerequisite: One 100 level HIST or completion of 15 credit hours ***	3:3-3	HIST 321 The Politics of Crowds: Popular Protest in Britain since 1700 The course deals with the political, economic, nationalist and religious motivations of protest; bread riots, the Gordon riots, and the Chartist movement; twentieth-century protest, including the movement for nuclear disarmament, student and anti-Vietnam War protest and the anti-war protest of 2003. *** Prerequisite: One HIST course or 30 credit hours ***	3:3-3
HIST 302 French-English Relations in Canada The relationship between Canada's two largest language groups in the 19th and 20th centuries. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-0	HIST 322 Sex and the City: the Pursuit of Pleasure in Britain since 1500 Topics include early modern erotica, libertines, the royal mistresses of Charles II, the city and sexual danger, prostitution, Victorian repression, abortion and birth control, twentieth-century liberal attitudes toward sexuality, the impact of sex manuals and sex education, the sexual revolution, and the articulation of a gay and lesbian identity *** Prerequisite: One HIST course or 30 credit hours ***	3:3-3
HIST 303 Canada in the World This course examines the history of Canadian Foreign Policy and considers Canada's place on the international stage. It also investigates how various political leaders managed Canada's involvement in international affairs from Confederation to the present. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 323 Crime and Punishment in Britain since 1500 Themes include the English justice system and the criminal underworld, the "bloody code" (eighteenth-century Britain's having more capital offences than any other European country), the rise of the prison, crime reporting, the popularity of genres like detective fiction, changing notions of responsibility for crime and the rise of forensic science. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3
HIST 305 Socio-Cultural History of New France A study of cultural, social and political institutions which characterized the colony before the Conquest. Topics include the process of immigration, the adaptation to a new environment, the role of the Church, the governmental and judicial institutions, the development of a new identity and the relationship with the First Nations. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 330 Women and Gender in the Prairie West Examination of women's participation in settlement, development, and maturation of the prairie provinces, 1870-1970, from the perspectives of women's history and gender history. Emphasis will be placed upon newcomers, with particular attention to diverse, sometimes conflicting, class and ethnocultural interests. Some comparisons will be made with United States developments, especially those on the Great Plains. *** Prerequisite: One HIST course or completion of 30 credit hours *** * Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *	3:3-0
HIST 307 Social History of the "Sixties" in North America From the "beats" of the 1950s to the fall of Saigon in 1975, baby-boomer youth transformed society through the counterculture, sexual revolution, the new left, student power, environmentalism, and liberation movements, making the "Sixties" the homeland of today. The course compares the Canadian and US experiences of this turbulent era. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-0	HIST 332 United States Foreign Relations in the Twentieth Century This course emphasizes the emergence of the United States as a world power, and its growing military, economic, and cultural dominance in the course of the twentieth century. Of special concern are United States relations with Europe, Asia and the Middle East and its increasing hegemony in the Western Hemisphere. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-0
HIST 310 History of Native People in Canada This course is on the history and historiography of Native people in Canada. It will cover aspects of the history of Native people from coast to coast since the time of European contact. It will also look at the changing ways in which historians have approached and interpreted that history. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 333 The History of Chicago, America's Second City Examines urban development in one of America's most racially and ethnically diverse cities. This course analyzes Chicago history from its early-nineteenth century origins of cultural conflict and environmental achievements, to its turn-of-the-century growth as a site of progressive reform, to its more recent struggles with racial/ethnic divides and political corruption. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3
HIST 314 The Legal History of Canada Aboriginal approaches to law; colonial regimes and the arrival of European law; the development of modern institutions; individual, group, and majority rights in a democratic society. *** Prerequisite: One HIST course or completion of 30 credit hours *** * Note: Formerly numbered HIST 213. Students may not receive credit for both HIST 314 and HIST 213. *	3:3-3	HIST 334 Gender in Modern America This course will examine the ways in which race, ethnicity, class, region, and sexuality have shaped ideas about gender and gender ideals in the United States since the Civil War, as well as how these beliefs changed over time and were contested throughout modern U.S. history. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3
HIST 316 Canadian American Relations Focusing mainly on Canada's relationship with the United States in the 19th and 20th centuries, this course will investigate the process of political, economic, social, and cultural integration/subordination. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-0	HIST 339 Many 9/11s? This course examines various American historical events that bear striking resemblance to 9/11, despite the popular view that 9/11 stands alone. Additionally, it explores the gestations of popular reactions to the Indian Wars, Mexican-American War, Spanish-American-Cuban War, through to the Vietnam War, the Gulf War, and the War in Iraq. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3
HIST 317 The Prairies to 1896 The fur trade and Native-European contact; the acquisition of Rupert's Land by Canada; Indian policy after 1870; developments in transportation, settlement and politics. *** Prerequisite: One HIST course or completion of 30 credit hours *** * Note: Formerly numbered HIST 210. Students may not receive credit for both HIST 317 and HIST 210. *	3:3-3		
HIST 318 The Prairies Since 1896 Immigration and settlement; the creation of new provinces; cultural conflict and education; the agrarian movement and progressive revolt; depression and new party movements; post-war politics and government; the resource boom. *** Prerequisite: One HIST course or completion of 30 credit hours *** * Note: Formerly numbered HIST 211. Students may not receive credit for both HIST 318 and HIST 211. *	3:3-3		

HIST 340 The European Urban Experience A survey of the political and cultural history of modern European cities. Focusing on urbanism as one of the major forces of change since the industrial revolution, this course explores the way of life in a variety of European cities; the focus will be on the lesser or provincial city rather than the metropolis. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	on the course and character of recent German history and the country's role in post-war Europe. *** Prerequisite: One HIST course or completion of 30 credit hours ***
HIST 348 Imperialism in Latin America This course investigates the several waves of imperialism that have swept the region, beginning with Christopher Columbus in 1492. It explores the various motivations for colonization, indigenous responses to the aggressions, and assesses the diverse effects of colonialism. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 378 The Third Reich This course will examine the historiographical controversies concerning the social and political history of the Third Reich. Topics to be considered include the origins of National Socialism, Nazi ideology, the Holocaust, and German opposition to Hitler. *** Prerequisite: One HIST course or completion of 30 credit hours ***
HIST 352 Shanghai and Tokyo Compares the complex social, economic, cultural and political changes in these Asian cities since the first era of contact with the West. Themes include the development of a "new" urban lifestyle built around a rapidly-expanding middle class, the growth of a politicized urban proletariat and new roles for women. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 381 European Military History A study of European warfare from the Renaissance to the present. Particular attention is focused upon the interaction between war and economic, social, political, technological and cultural developments. *** Prerequisite: One HIST course or completion of 30 credit hours *** * Note: Formerly numbered HIST 281. Students may not receive credit for both HIST 381 and HIST 281. *
HIST 356 Japanese Imperialism in China, Korea and Taiwan This course explores processes of action and reaction in Japanese imperialism. Themes include: theoretical and historical motivations for imperial expansion, managing colonial societies, the economics of empire, the integration of settler communities, the culture of empire (particularly two-way culture flows), and the legacy of empire. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 382 The Military History of World War I and II A study of key aspects in the military history of the First and Second World Wars. Subjects covered include war aims and strategic plans; the conduct of operations; the roles of naval and air power, scientific and signals intelligence; the economic and social dimensions of "total war". *** Prerequisite: One HIST course or completion of 30 credit hours *** * Note: Formerly numbered HIST 282. Students may not receive credit for both HIST 382 and HIST 282. *
HIST 367 Women in Medieval Europe This course will explore the roles of women in European society, economy, culture and religion from the end of the Roman Empire to c.1400. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-0	HIST 390 Selected Topics - an AA-ZZ series. Special topics in particular fields of History. *** Prerequisite: One HIST course or completion of 30 credit hours ***
HIST 368 Relics, Visions, and Vampires: The History of Popular Christianity in Medieval Europe This course will examine, from an historical perspective, the religious beliefs and practices of ordinary Christians in the Middle Ages (300-1400). Topics include: the veneration of saints; ideas about the fate of the dead; heresy and orthodoxy; skepticism; signs and miracles; good and evil spirits; festivals and holidays. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 400 Theories of History This is a seminar course examining the variety of approaches to the study of history from 1900 to the present. Movements studied include Marxism, the Annales School, Feminist Theory, and Post-Modernism. *** Prerequisite: Completion of 60 credit hours or permission of Department Head ***
HIST 370 The European Reformations An examination of the Protestant and Catholic Reformations of the sixteenth century and the conflicts they engendered from the perspectives of: religion, society, politics, culture, and gender. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-0	HIST 403 Studies in Canadian Political History An analysis of how prime ministers of Canada have envisioned the country, devised and implemented policies, and managed political affairs. Based on a comparative approach, the course is a study in power as it was exercised by such leaders as John Diefenbaker, Lester Pearson, Pierre Trudeau, and Brian Mulroney. *** Prerequisite: Completion of 60 credit hours or permission of Department Head ***
HIST 373 The European Witch Hunts Examination of the origins, development, and decline of the witch persecutions in Western Europe from 1400-1700. Students will learn how historians draw on fields such as feminist theory, psychology, sociology, and anthropology in order to understand the complexities of this topic. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 405 Contemporary Quebec Nationalism in the 1920s; the impact of the depression; the rise of the Union Nationale; Dominion-Provincial relations; the defeat of the Union Nationale and the beginnings of the Quiet Revolution. *** Prerequisite: Completion of 60 credit hours or permission of Department Head ***
HIST 374 Revolution and Terror in France, 1789-1799 This course considers the origins, course and significance of the French Revolution of 1789-1799. Topics covered include: cultural and political origins; the pre-revolution; the events of 1789; the remaking of France; radicalization; the revolutionary wars; women and revolution; the Counterrevolution; the Terror; the Thermidorian Reaction and the Directory. *** Prerequisite: One HIST course or completion of 30 credit hours ***	3:3-3	HIST 406 Canada and World War I On home front and battlefield, World War I transformed Canada. Social movements came to a crescendo and national identity was reshaped. The multi-faceted impact of the war is contextualized in the pre- and post-war periods using the analytical categories of ethnicity, class and gender. *** Prerequisite: Completion of 60 credit hours or permission of Department Head *** * Note: Formerly numbered HIST 306. Students may not receive credit for both HIST 406 and HIST 306. *
HIST 376 Rising from the Ashes: Germany Since 1945 This course surveys the political, social and cultural history of post-war Germany, paying particular attention to the historiographical debates	3:3-3	HIST 409 Canadian Nationalism in Comparative Perspective This course will examine the theoretical framework of nationalism, study the history of nationalism throughout the world, and investigate the manifestations of nationalism in Canada. Some of the topics to be studied include the origins of nationalism, the uses of nationalism, and modern examples of nationalism.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 411 3:3-0

The Prairie West 1929-1945

Depression and drought in the 1930s; the crisis in politics and the ferment of radicalism; federal and provincial initiatives in rehabilitating the wheat economy; the impact of World War II on the economic and social fabric of the prairie west.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 412 3:3-3

Saskatchewan Since 1905

A study of selected topics in the economic, social and political history of Saskatchewan from the creation of the province in 1905 to the post World War II resource boom.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

* Note: Formerly numbered HIST 312. Students may not receive credit for both HIST 412 and HIST 312. *

HIST 413 3:3-0

Prairie Urban History

A critical study of the emergence of towns and cities on the Canadian prairies; the evolving urban economy; population growth; the physical environment; social and cultural life; urban political behaviour.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 414 3:3-3

The Legal History of the Prairie West

Aboriginal legal regimes; the law of the fur trade; the establishment of European law; the territorial period; the provincial era; the search for inclusion: Aboriginal self- government, sentencing circles, civilian oversight.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

* Note: Formerly numbered HIST 313. Students may not receive credit for both HIST 414 and HIST 313. *

HIST 415 3:3-3

The Writing of Canadian History

The course aims to instil theoretical and methodological understanding of Canadian history. While potentially of value for many students in liberal arts and pre-professional courses, it is especially relevant for Canadian history majors seeking to locate their specific interests in the wider context of the academic discipline. Such a course may well be regarded as a staple in a well-rounded Canadian history program.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 418 3:3-0

Canadian Colonial Times

This course seeks to understand Canada as a colony. One inexorable phenomenon of the twentieth century has been the process of national affirmation and decolonization. Focusing on fundamental political and economic change in the eighteenth and nineteenth centuries, the course also examines subjects such as immigration, religion, education, as well as cultural and material conditions.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 422 3:3-3

From Wife Sales to Princess Di: Popular Culture since 1700

The course covers Britain and North America; theories of popular culture; traditional popular art forms and rituals, including ballads, rough music and wife-sales; the press and the invention of new forms such as cartoons, comic strips and celebrity culture; the history of shopping and consumption; the fragmentation of popular culture.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 434 3:3-3

American Trials of the Twentieth Century

A consideration of landmark United States court decisions during the twentieth century with emphasis on the changing social context in which trials took place to understand how everyday life and popular ideals affected the law, as well as to appreciate the impact of the courtroom on modern American life.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 435 3:3-3

Frontier Hollywood, Myth and American History

This course explores the dynamic relationship between American film and the mythical American frontier. Myth and its cultural significance, Frederick Jackson Turner's Frontier Thesis, the history of American cinema, the role of myth in film, the genesis of the Western, and the nature of Manifest Destiny, will be examined.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

* Note: Formerly numbered HIST 335. Students may not receive credit for both HIST 435 and HIST 335. *

HIST 450 3:3-3

Modernity in Asia

This seminar introduces students to recent critical theories and explores the meaning of 'modernity' as reflected in the relationship between culture and society in 19th and 20th century Asian history. It does so by associating readings in social theory with academic and literary texts from or about the Asian region.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 460 3:3-3

Ancient History: Theory and Practice

The main focus is on the use of archaeology in the study of ancient history. Topics addressed include: domestication; human remains; the environment; beliefs; the spread of cultures; the ownership of antiquities; and, the use of technologies.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

* Note: Formerly numbered HIST 360. Students may not receive credit for both HIST 460 and HIST 360. *

HIST 464 3:3-3

Roman Social History

Themes in the history of Roman society and social institutions. Topics include childhood and family structure, health and diet, living conditions, recreation, and social attitudes.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

* Note: Formerly numbered HIST 364. Students may not receive credit for both HIST 464 and HIST 364. *

HIST 466 3:3-3

The Middle Ages in Film

This course critically examines films set in the Middle Ages in order to explore the issue of the value of cinematic representations of medieval history. Topics addressed include race and ethnicity, gender roles, epic heroism, faith, religion, and holiness, and war in films set in the Middle Ages.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 467 3:3-0

Marriage and Family in the Middle Ages

This course investigates the history of marriage and the family in medieval Europe. It covers such topics as: the development of Christian attitudes towards marriage; marriage practices; family structures and strategies; children and childhood.

*** Prerequisite: Completion of 60 credit hours or permission of the Department Head ***

HIST 472 3:3-3

From Magic to Science: The Evolution of Early Modern European Thought

Between 1450 and 1700, the mental landscape of Europe changed dramatically. Magic and alchemy flourished in the Renaissance, but were abandoned by the time of the Scientific Revolution. This course will examine the many facets of this evolution and the impact it had on both scholarly and popular culture.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 474 3:3-3

War and Culture in Europe: World War I

This course examines the controversial idea of the Great War as a watershed in European cultural history and the different ways in which class, gender, nationality, politics, and the passage of time have conditioned the experience and memory of the war. Writers', artists', and historians' views are considered.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 476 **3:3-3**
War and Culture in Europe: World War II
 This course considers the cultural significance of the Second World War in Europe. Subjects covered include pre-war pacifism and appeasement; soldiers' attitudes, experiences and memories; collaboration and resistance; the experiences of women and civilians; the role of politics and ideology; racism and the holocaust; post-war commemoration.
 *** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 478 **3:3-3**
The Berlin Seminar
 This course focuses on aspects of Berlin's history during the nineteenth and twentieth centuries. Themes include: the effects of industrialization, the transformation of urban life during the Weimar Republic, the Third Reich, the division of the city after World War II, and changes following the collapse of the Wall.
 *** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 479 **3:3-3**
Hitler in History: An Historiographical Investigation
 More than six decades after Hitler's death, academic and popular interest in him is unabated. In this seminar course, students will analyze various interpretations of Hitler and his historical significance offered by various historians. We will also look at the portrayal of Hitler in books, films, television programs and documentaries.
 *** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 480 **3:3-3**
Paris in the Age of Revolutions
 This course examines the revolutionary upheavals that convulsed the French capital between 1770 and 1880, with particular focus upon the events of 1789, 1830, 1848 and 1871. It considers the relationship between Paris and its provinces, and the ways in which both metropolitan and provincial identities evolved and interacted.
 *** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 490 **1-3:3-0**
Selected Topics - an AA-ZZ series.
 Special topics in particular fields of History.
 *** Prerequisite: Completion of 60 credit hours or permission of Department Head ***

HIST 498 **3:3-0**
Honours Directed Studies
 ** Permission of the Department Head is required to register. **

HIST 499 **3:3-0**
Honours Directed Studies
 ** Permission of the Department Head is required to register. **

HJ	Human Justice
Faculty of Arts	Department of Justice Studies

Since many HJ courses have been re-numbered over the past several years, students must ensure that they do not register for courses they have already taken. If in doubt, please consult the Department.

HJ 201 **3:3-0**
Introduction to Justice
 Introduces major theoretical orientations and methods of justice studies. Provides an overview of the Canadian legal system and issues involved in the pursuit of criminal, legal, restorative, and social justice.
 *** Prerequisite: Completion of 15 credit hours ***
 * Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *

HJ 202 **6:0-0**
Practicum I (Introductory): Field Placement
 Placement (normally unpaid) in an approved human service or justice-oriented organization.
 *** Prerequisite: HJ 201 and 65% program average or permission of Department Head ***
 *** Corequisite: HJ 203 ***
 ** Permission of the Department Head is required to register. **

* Note: Students must fill out the Workers' Compensation Agreement form prior to work placement. This course is graded on a pass/fail basis. *

HJ 203 **3:0-1.5**
Practicum I (Introductory): Seminar
 An introduction to the integration of theory and practice in justice issues.
 *** Prerequisite: HJ 201 and 65% program average ***
 *** Corequisite: HJ 202 ***
 ** Permission of the Department Head is required to register. **

HJ 307 **3:3-3**
Justice and the Law in Canada
 Examines the conceptual foundations, structure and administration of law in Canada, including criminal and civil law. Current legal debates and precedent setting cases will be discussed, as well as the relationship of Canadian law to international law.
 *** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 309 **3:3-3**
Social Justice
 An interdisciplinary examination of the nature and foundations of social justice, including human rights. Theoretical and applied perspectives are included.
 *** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 310 **3:3-0**
The Criminal Justice System
 An introductory analysis of the criminal justice system. An examination of the Canadian criminal justice process from initial police involvement through court processes to the correctional disposition of convicted offenders.
 *** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 312 **3:3-0**
Foundations of Human Rights
 Examines the historical, political, and legal development of human rights and how gender, class, and various aspects of personal and collective identity affect our understanding and realization of human rights. Emphasizes the interrelationships of civil and political rights with social and economic rights.
 *** Prerequisite: HJ 201 and completion of 30 credit hours. HJ 307 and HJ 309 recommended. ***
 * Note: Recommended for those wishing to take HJ 426. *

HJ 313 **3:3-0**
Mental Health and Criminal Justice
 Examines conditions affecting mental health and how these relate to crime. Explores ways the community can assist in dealing with these conditions. Examines social science and criminological views of mental health.
 *** Prerequisite: HJ 201 and completion of 30 credit hours. HJ 307 and HJ 310 are recommended. ***

HJ 314 **3:3-0**
Justice, Citizenship & Democratic Systems
 Explores justice in terms of concepts and practices of citizenship within democratic societies. Examines political justice, representations, governmental obligations re: human services and the growing role of non-governmental organizations.
 *** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 315 **3:3-0**
Policing in a Democratic Society
 Explores the roles, organization, and accountability of policing within democratic societies. Considers implications of jurisdiction, geography, community, training and operations.
 *** Prerequisite: HJ 201 and completion of 30 credit hours. HJ 307 and HJ 310 recommended. ***

HJ 318 **3:3-3**
Organizations and Networks for Social Justice
 Explores how social movements and advocacy organizations in Canada understand and work to achieve social justice and equality. Examines both historical and recent struggles, and considers future challenges for groups seeking social justice.
 *** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 320 **3:3-3**
Community Justice Alternatives
 Explores the development of alternatives to criminalizing approaches to justice. Includes studies of victimization, reparative and restorative

traditions and approaches, and emerging roles for community in the pursuit of justice.

*** Prerequisite: HJ 201 and completion of 30 credit hours; HJ 310 is recommended. ***

* Note: Formerly numbered HJ 433. Students may not receive credit for both HJ 320 and HJ 433. *

HJ 321 3:3-3

Mediation and Dispute Resolution

Examines the role, purposes, use of mediation and other methods of conflict or dispute resolution. Assesses appropriate use of a variety of dispute resolution mechanisms, especially as they relate to issues of race, class, and gender. Emphasis on conflict resolution in the context of human justice and restorative justice.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

* Note: Formerly numbered HJ 381AC. Students may not receive credit for both HJ 321 and HJ 381AC. *

HJ 322 3:3-3

Restorative Justice: Concepts, Scope, and Services

This course will introduce the student to the Restorative Justice paradigm. The paradigm is multi-dimensional in concepts, assumptions, scope, and services. This range will be explored, discussed, examined, and compared to existing paradigms in justice. International comparisons will be included.

*** Prerequisite: HJ 201 and completion of 30 credit hours; HJ 310 is recommended. ***

* Note: Formerly numbered HJ 384AC. Students may not receive credit for both HJ 322 and HJ 384AC. *

HJ 330 3:3-3

Young Offenders and Youth Justice

Examines the status and prospects of youth and current legislation in regard to young offenders. Compares current and former legislation, with attention to guiding principles and actual outcomes. Considers policy and service issues and their impact on youth and youth workers.

*** Prerequisite: HJ 201 and completion of 30 credit hours. HJ 307 and HJ 309 are recommended. ***

* Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *

HJ 331 3:3-0

Gender and Justice

Explores political, sociological, psychological and philosophical explanations for gender differences stressed in feminist theory. Discusses the need for and ramifications of social, economic and legal changes to ensure gender equality.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 332 3:3-0

Justice and Indigenous Peoples

Intended to help human service workers understand the background of current issues, including aboriginal rights, land claims and self-government. Explores aboriginal history, colonization, settlement, displacement, and constitutional issues here and abroad.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

* Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *

HJ 333 3:3-0

Aging and Justice

Explores Canada as an aging nation. Focuses on socio-health concerns, economic disparity, seniors and the law, and resulting justice issues. Opportunity exists to research special interest areas.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 350 3:3-3

Violence in the Human Justice Context

Examines current violent trends in society, underlying influences and responses by various justice organizations. Anticipates development of, and responses to, violence in the future. Considers practical alternatives to violence.

*** Prerequisite: HJ 201 and 30 credit hours ***

HJ 353 3:3-0

Social Justice and International Development

Examines the theories, meanings and practices of international development and how these relate to social justice. Explores the underlying causes of poverty, critically analyzes the mainstream development approaches that have been adopted over the past five decades and assesses the viability of alternative development.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 354 3:3-0

Alcohol, Other Drugs and Criminal Justice

Examines approaches to control of alcohol/drug production, availability, consumption, and questions of decriminalization and medicalization in the context of the criminal justice system and broader public policy.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 355 3:3-3

Food, Hunger & Social Justice

Examines social justice issues related to food production and consumption, food security, and food sovereignty. Highlights some current international debates on questions such as famine and hunger, food aid, industrialization and corporate control of agriculture, social and environmental consequences of intensive production, and agro-biotechnology.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

* Note: Formerly numbered HJ 482AB. Students may not receive credit for both HJ 355 and HJ 482AB. *

HJ 357 3:3-0

Ecology and Justice

Traces environmental movements, environmental ethics, evolution of environmental assessment/protection, criminalization of pollution, and international environmental agreements. Approached from several perspectives: deep ecology, social ecology, green politics, sustainable development, bio-regionalism and eco-feminism.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 358 3:3-3

Work, Economic Security and Justice

Explores how work (both paid and unpaid) is related to justice, equality and economic security. Considers the impact of globalization on work and the well-being of families and communities in Canada. Focuses on legislation and policies governing employment standards, occupational health and safety, and labour-management relations.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 380 - 384 1-3:3-0

Selected Topics - an AA-ZZ series.

Includes courses being developed to meet changing circumstances as required for the development of the Department. Course descriptions are available from the Department or on the web at: <http://www.uregina.ca/art/human-justice>.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 390 - 394 1-3:3-0

Directed Readings and Research - an AA-ZZ series.

Courses designed for individual students.

*** Prerequisite: HJ 201 and completion of 30 credit hours ***

HJ 405 3:3-3

Advocacy Strategies and Skills

Explores general approaches and practical skills that can be used in working to achieve justice-related goals, including policy analysis, political advocacy, organizational and community-based activism, public education, and community development.

*** Prerequisite: HJ 201 and completion of 60 credit hours; HJ 307 and HJ 309 are recommended. ***

HJ 406 3:3-3

Social Justice Movements in Developing Countries

Examines local and national social movements of the most marginalized to better understand how economic globalization has led to the formation of the anti-globalization movement. Analyzes the strategies and forms of resistance used by social movements to effect social, economic and political change.

*** Prerequisite: HJ 201 and completion of 60 credit hours. HJ 307, HJ 309, and HJ 312 are recommended. ***

* Note: Formerly numbered HJ 480AC. Students may not receive credit for both HJ 406 and HJ 480AC. *

HJ 407 3:3-3

Advanced Issues in Corrections and Community Justice

Examines shifting assumptions and changing practices in dealing with persons found guilty of criminal offences, as they pertain to both institutional and community settings. Topics include programming models, tensions among retributive, rehabilitative, and restorative approaches, and the role of culture and communities in repairing harm done by criminal behaviour.

*** Prerequisite: HJ 201 and completion of 60 credit hours. HJ 307, HJ 309, and HJ 310 are recommended. ***

* Note: Formerly numbered HJ 384AB. Students may not receive credit for both HJ 407 and HJ 384AB. *

HJ 421 3:3-3

Criminal Law, Criminology and Public Policy

This course will examine and critically evaluate principles of criminal law, recommendations of the Law Commission of Canada, and legal reasoning and practice. Investigates whether predominant legal views converge with findings in other human services and social sciences.

*** Prerequisite: HJ 201, 202/203, 309, 310 and completion of 60 credit hours OR permission of Department Head ***

HJ 423 3:3-0

Family Law and Family Policy

Examines legislation, policies, institutions, and processes relevant to family welfare. Considers issues such as child protection and the structure and operation of family courts. Includes comparisons with other jurisdictions.

*** Prerequisite: HJ 201, and completion of 60 credit hours. HJ 307 is recommended. ***

HJ 424 3:3-0

International Law and Justice

Explores the role of law, courts and policy at the international level in the pursuit of criminal justice and social justice. Examines how advocacy and service organizations use these international mechanisms in pursuit of justice-related goals.

*** Prerequisite: HJ 201 and completion of 60 credit hours. HJ 307 and HJ 309 are recommended. ***

HJ 426 3:3-3

Human Rights in Canada

Examines the historical development and legal framework of human rights at the national and provincial levels. Emphasizes remedies for human rights violations, current human rights issues in Canada and Saskatchewan, and the special implications of this topic for Aboriginal peoples.

*** Prerequisite: HJ 201 and completion of 60 credit hours. HJ 309 and 312 are recommended. ***

HJ 427 3:3-3

Evaluating Justice

An introduction to evaluation and needs assessment for criminal justice, social services, health and education programs. Develops skills in designing useful evaluation studies for organizations dealing with criminal and social mandates.

*** Prerequisite: HJ 201, and completion of 60 credit hours. HJ 307 and 309 are recommended. ***

HJ 430 3:3-0

Justice/Multidisciplinary Perspectives

Investigates philosophical perspectives melding Western concepts of justice and law. Special emphasis is given to current socio-legal discourse and its implications for law reform, legal practice and human services.

*** Prerequisite: HJ 201 and completion of 60 credit hours. HJ 307 and HJ 309 are recommended. ***

HJ 432 3:3-0

Research Methods in Justice

Explores some research methods relevant to the study of social, community, legal and criminal justice. Includes examples of social science, criminological and/or legal approaches and methods.

*** Prerequisite: HJ 201 and completion of 60 credit hours ***

HJ 445 9:0-9

Practicum II (Advanced): Field Placement

Students become involved in human justice services/systems in the community, experiencing responsible patterns of professional service work.

*** Prerequisite: HJ 202, 203, 307, 309, 432 or approved research methods course, completion of 90 credit hours and a minimum 70% average in the HJ major ***

*** Corequisite: HJ 446 and 447 ***

** Permission of the Department Head is required to register. **

* Note: Students must fill out the Workers' Compensation Agreement form prior to work placement. This course is graded on a pass/fail basis. *

HJ 446 3:0-1.5

Practicum II (Advanced): Seminar

The seminar assists with the integration of theory and practice, broadening students' knowledge.

*** Prerequisite: HJ 202, 203, 307, 309, 432 or approved research methods course, completion of 90 credit hours and a minimum 70% average in the HJ major ***

*** Corequisite: HJ 445 and 447 ***

** Permission of the Department Head is required to register. **

HJ 447 3:0-0

Practicum II (Advanced): Paper

Students build on the Field Placement and Seminar components of the Advanced Practicum through the preparation of a substantial research paper, which is also the basis of an oral presentation to other students and faculty members.

*** Prerequisite: HJ 202, 203, 307, 309, 432 or approved research methods course, completion of 90 credit hours and a minimum 70% average in the HJ major ***

*** Corequisite: HJ 445 and 446 ***

** Permission of the Department Head is required to register. **

HJ 449 1-3:3-0

Practicum III (Specialized)

Optional. Designed to meet specialized learning needs. Allows for extension or specialization beyond that provided HJ445/446/447.

*** Prerequisite: Completion of HJ 445/446/447, with a minimum 70 percent average in the HJ major ***

** Permission of the Department Head is required to register. **

HJ 480 - 484 1-6:6-6

Advanced Selected Topics - an AA-ZZ series.

Advanced selected topics.

*** Prerequisite: HJ 201, 202/203, 309, 310 and completion of 60 credit hours, or permission of Department Head ***

HJ 490 - 494 1-3:3-3

Advanced Directed Readings and Research - an AA-ZZ series.

Advanced selected topics.

*** Prerequisite: HJ 201, 202/203, 309, 310 and completion of 60 credit hours, or permission of Department Head ***

HS	Health Studies
Faculty of Kinesiology and Health Studies	

HS 200 3:3-3

Understanding Health and Illness

An exploration of the major theories and models of health and illness (biomedical, health promotion, population health). Problem-based seminar.

*** Prerequisite: Completion of 15 credit hours. ***

* Note: Normally offered in fall semester only. *

HS 201 3:3-3

Research Methods in Health Studies

A review of major methodological approaches to health studies research (quantitative, qualitative, community-based/participatory research, and policy research). Problem-based seminar.

*** Prerequisite: Completion of 15 credit hours. ***

HS 300 3:3-3

Health in Canada

A political, economic and social history of health and health care in Canada. Problem-based seminar.

*** Prerequisite: HS 200 with a minimum grade of 70. ***

* Note: Normally offered in winter semester only. *

HS 301 3:3-3

Health Issues

An interdisciplinary examination of selected contemporary health issues. Problem-based seminar.

*** Prerequisite: HS 200 ***

* Note: Normally offered in winter semester only. *

HS 400 3:3-3

Health Studies Inquiry

Systematic inquiry into a selected health topic. Students will identify health issues, develop researchable questions, conduct research, and present findings.

*** Prerequisite: HS 300 ***

* Note: Normally offered in fall semester only. *

HS 448**3-15:0-15****Fieldwork**

Students will be given the opportunity to apply their knowledge in a specific professional role related to their area of interest. The work experience will be undertaken by the student under supervision of a cooperating professional and the Fieldwork Coordinator.

*** Prerequisite: Completion of 75 credit hours, including INHS 200, HS 300, KHS 300, and a minimum 60% PGPA. ***

** Permission of the Fieldwork Coordinator is required to register. **

HS 449**3:0-3****Health Field Experience Paper**

Students must complete an assigned paper which will integrate academic learning with their work experience.

** Permission from the Fieldwork Coordinator is required to register. **

HUM	Humanities
Faculty of Arts	

HUM 201**3:3-0****Landmarks of Western Thought: Selected Topics - an AA-ZZ series.**

An examination of the selection of ideas that have, from ancient times to the present, profoundly influenced the development of western culture. The examples selected will be drawn principally from the areas of philosophy, religion, literature, and the arts.

*** Prerequisite: ENGL 100 ***

HUM 206**3:3-3****Introduction to Cultural Studies**

An introduction to cultural studies, focusing on the Canadian context within such areas as the historic development of the concept of culture; problems of cross-cultural analysis; the relationship between high and low culture in art; the relationship between a culture and its subcultures; the relationship between culture and technologies.

*** Prerequisite: ENGL 100, ENGL 110 and the completion of at least 30 credit hours ***

HUM 207**3:3-3****Power, Knowledge, and Postmodernity**

Has the development of knowledge and science led to freedom, progress, and prosperity, or has it been an instrument of power and oppression? This course will rely on philosophical and literary works to explore the postmodern disenchantment with modern approaches to questions of power, knowledge, individuality, and gender.

*** Prerequisite: ENGL 100, PHIL 100, PSCI 100, or completion of 15 credit hours ***

HUM 250**3:3-0****Cree Literature in Translation**

Representative examples of Cree literature from different parts of Canada will be read in translation. Both âtahsôhkewinan (sacred stories, legends) and âcimowinan (ordinary stories) will be discussed in terms of their relationship to Saulteaux culture as a whole.

*** Prerequisite: ENGL 100 and INDG 100 or permission of the head, Department of Indian Languages, Literatures, and Linguistics ***

HUM 251**3:3-0****Saulteaux Literature in Translation**

A study conducted in English of representative examples of Saulteaux literature as well as Ojibway literature from different parts of Canada. Both âtahsôhkewinan (sacred stories, legends) and âcimowinan (ordinary stories) will be discussed in terms of their relationship to Saulteaux culture as a whole.

*** Prerequisite: ENGL 100 and INDG 100, or permission of the head, Department of Indian Languages, Literatures, and Linguistics ***

HUM 260**3:3-0****Utopian Literature, Thought, and Experiment**

Study of utopian texts from ancient Golden Ages to modern science fictions. Questions to be asked include whether a much improved human society is possible, what might bring it about, and what are the obstacles? In addition to utopian theory, study of planning the "ideal city," study of the challenges of living in "international communities," and other applications will be considered.

*** Prerequisite: ENGL 100 ***

HUM 275**3:3-0****The Theme of Quest for Value and Meaning in Modern Literature**

This course deals with the reflection of imaginative literature of the modern challenge to traditional assumptions about the value and meaning of human life. Various responses to this challenge will be

examined in the writings of such authors as Joyce, Kafka, Sartre, T.S. Eliot, Lowell, Camus, Marcel, Faulkner, and Updike.

*** Prerequisite: ENGL 100 ***

HUM 321**3:3-0****Studies in German Literature in English Translation I**

Modern German drama, prose and verse after 1945. Course conducted in English.

*** Prerequisite: A 200-level literature course in any language ***

HUM 322**3:3-0****Studies in German Literature in English Translation II - an AA-ZZ series.**

Selected topics: Focus may be on an author, a genre, or a theme. Course conducted in English.

*** Prerequisite: A 200-level literature course in any language ***

IDS	Interdisciplinary Studies
Faculty of Arts	Luther College

IDS 100**3:3-0****Interdisciplinary Studies: Historical Issues**

This course will examine historical incidents as a way of exploring creative interactions of Western culture with other cultures. The course will emphasize the positive aspects of diversity and pluralism. The inquiry will be organized so that students are able to use multiple perspectives, and develop critical, discerning thought.

IDS 101**3:3-0****Interdisciplinary Studies: Contemporary Issues**

This course will examine the technological developments of the twentieth century as an introduction to a study of important issues facing the contemporary world, with an emphasis on the role of technology in it and how ethics could inform it.

*** Prerequisite: Completion of 9 credit hours ***

IDS 200**3-9:9-9****International Study Abroad, Selected Topics - an AA-ZZ series.**

This course blends an interdisciplinary approach to the study of selected international communities. It employs the use of film, literature, monographs, and field trips to explore the culture and history of the selected destination. It combines class time on site with time spent in-class at the University of Regina.

*** Prerequisite: Completion of 30 credit hours ***

ILP	Intercultural Leadership Program
Faculty of Arts	

ILP 100**3:3-3****Introduction to Intercultural Leadership**

An introductory seminar examining leadership theory and the skills required for future leaders to lead organizations and communities in the context of the changing demographics and emerging labour force in Saskatchewan. Students will assess their attitudes, biases, beliefs and current leadership skills and create a personal leadership development plan.

** Acceptance into the Intercultural Leadership Program is required for registration. Refer to the application process and selection criteria outlined at www.firstnationsuniversity.ca. Look under Departments and Schools. **

ILP 300**3:3-3****Intercultural Understanding Course**

An examination of aspects of Canadian history from a First Nations and a newcomer perspective. Students will revisit their personal leadership development plan from ILP 100 to evaluate their progress.

*** Prerequisite: ILP 100 and completion of one approved elective ***

ILP 301**3:0-3****Cultural and Leadership Camp**

A four day off-campus residential experience in a First Nations community. Students will experience First Nations traditions, study effective principles and techniques of leadership, and will work to reach their full potential by engaging mind, body and spirit while working on their personal leadership development plan.

*** Prerequisite: ILP 100 and completion of two approved electives ***

ILP 400 3:3-3
Leadership Capstone Course
 This capstone seminar will integrate theory and work experience. It will include the preparation and delivery of a workshop on leadership for high school students.
 *** Prerequisite: ILP 300 ***

INA	Indian Art
Faculty of Fine Arts	Department of Indian Fine Arts – First Nations University of Canada

INA 210 3:0-4.5
Traditional Indian Art I
 This course will explore the various traditional methods and media in Indian art with emphasis on the production of contemporary but traditional objects of Indian art and culture.
 *** Prerequisite: INAH 100 ***

INA 220 3:0-4.5
Two-Dimensional Design in Indian Art
 A studio course to develop awareness of the picture plane expressing traditional and contemporary themes.
 *** Prerequisite: INAH 100 for non-Fine Arts majors ***
 ** Permission of the Department Head is required to register. **

INA 230 3:0-4.5
Three-Dimensional Design in Indian Art
 A studio course to develop the production of three-dimensional art, through exploration of traditional and contemporary Indian art.
 *** Prerequisite: INAH 100 for non-Fine Arts majors ***
 ** Permission of the Department Head is required to register. **

INA 310 6:0-9
Traditional Indian Art II
 A second course in the production of traditional Indian art forms.
 *** Prerequisite: INA 210 ***

INA 320 6:0-9
Two Dimensional Indian Art I
 A second level two-dimensional course in Indian art. Assignments will emphasize styles and concepts related to art in the Indian community.
 *** Prerequisite: INA 220 or ART 220 ***

INA 330 6:0-9
Three Dimen Indian Art I
 A second-level course in the study of three-dimensional Indian art. Assignments will explore a contemporary interpretation of three-dimensional expressions in the Indian community.
 *** Prerequisite: INA 230 or ART 221 ***

INA 390 - 395 1-6:0-6
Directed Study - an AA-ZZ series.
 Individual research in Indian art under the instruction of a faculty member of the student's choice.
 *** Prerequisite: Senior standing and qualifying scholarship record. ***

INA 400 6:0-9
Graduating Exhibition
 Students will participate in an exhibition at the end of the semester in which they have completed all of the coursework for their degree.
 *** Prerequisite: Graduating year of BFA program. ***

INA 410 6:0-9
Traditional Indian Art III
 Advanced studio explorations in the production of traditional Indian art.
 *** Prerequisite: INA 310 ***

INA 420 6:0-9
Two Dimensional Indian Art II
 An advanced studio course exploring two-dimensional art making in the Indian community.
 *** Prerequisite: INA 320 ***

INA 430 6:0-9
Three-Dimensional Indian Art II
 Advanced studio course exploring three-dimensional art in the Indian community.
 *** Prerequisite: INA 330 ***

INA 490 - 495 1-6:0-6
Directed Study - an AA-ZZ series.
 Individual research in Indian art under the instruction of a faculty member of the student's choice.
 *** Prerequisite: Senior standing and qualifying scholarship record. ***

INAF	International Affairs
Faculty of Arts	International Studies Program

INAF 400 3:3-3
International Affairs Capstone Seminar
 The course is a required capstone course for INTL students specializing in International Affairs. It studies major contemporary issues in international affairs within the framework of main relevant theories. The objective is to develop a good understanding of how the political, economic, social and cultural aspects of international issues are interrelated.
 *** Prerequisite: Completion of 18 credit hours in the International Affairs concentration or permission of the International Studies Program Coordinator ***

INAF 401 3:3-3
Honours Paper in International Affairs I
 Work towards an Honours Paper under the supervision of a faculty member. Student must submit a proposal at the end of the semester.
 ** Permission of the Coordinator of the International Studies Program is required to register. **

INAF 402 3:3-3
Honours Paper in International Affairs II
 Completion of an Honours Paper under the supervision of a faculty member. Students must submit an extensive research paper based on their proposal in INAF 401.
 *** Prerequisite: INAF 401 with a minimum grade of 75% ***

INAH	Indian Art History
Faculty of Fine Arts	Department of Indian Fine Arts – First Nations University of Canada

INAH 100 3:3-0
An Introductory Survey of North American Indian Art
 A survey of North American Indian art from prehistory to the present. Analysis of styles in their historical context, development of the specialist's vocabulary.

INAH 200 3:3-0
Indian Art of the Andean Nations
 A study of the art and architecture of the Andean Nations from prehistory to the present.
 *** Prerequisite: INAH 100 or ARTH 100 ***

INAH 202 3:3-0
Early Canadian Indian Art
 A course investigating the change in Indian art styles and media as the result of European contact in Canada.
 *** Prerequisite: INAH 100 or ARTH 100 ***

INAH 204 3:3-0
Indian Art and the 20th Century
 The course will examine twentieth-century Indian art. Politics, revolution, education, and economic issues of Canada, USA, and Mexico will be considered as affecting stylistic developments.
 *** Prerequisite: INAH 100 ***

INAH 300 3:3-0
Pre-Columbian Art in North America
 The ancient arts and cultures of pre-Columbian North America.
 *** Prerequisite: Two 200-level INAH or ARTH courses ***

INAH 301 3:3-0
Art and the World Council of Indigenous Peoples
 A study of the arts produced by the member nations of the World Council of Indigenous Peoples.
 *** Prerequisite: 200-level INAH or ARTH course or INDG 200 ***

INAH 390 - 395 **1-6:3-0**
Directed Studies - an AA-ZZ series.
 Directed studies in the history of Indian art under the supervision of an instructor of the student's choice.
 *** Prerequisite: Senior standing and qualifying scholarship record. ***

INAH 401 **3:3-0**
Saskatchewan Indian Art
 A reading and research course in the evolution of Indian art in Saskatchewan. Research will include museum and archival visits as well as interviews with elders.
 *** Prerequisite: 4th-year standing with a major in Indian Art History, Indian Studies or Art History. ***

INAH 490 - 495 **1-6:3-0**
Directed Studies - an AA-ZZ series.
 Directed studies in the history of Indian Art under the supervision of an instructor of the student's choice.
 *** Prerequisite: Senior standing and qualifying scholarship record. ***

INCA	Indian Communication Arts
Faculty of Arts	Department of Indian Communication Arts – First Nations University of Canada and School of Journalism

INCA 200 **6:0-0**
Summer Institute in Indian/Native Communication Arts
 This four week course will give INCA students an introduction to the techniques of journalism and an opportunity to work with professional Indian/native journalists. Students will be required to focus on either print or broadcast journalism.
 *** Prerequisite: Completion of at least 24 credit hours of INCA/pre-journalism course requirements. ***

INCA 283 **3:3-0**
History of Indian/Native Media in Canada
 Students will review the role of communication in traditional societies, review and analyze the use of media in contemporary societies around the world, and attempt to redefine the role of communication media on Indian/native societies today.
 *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***

INCA 284 **3:3-0**
Management, Marketing, and Advertising for Indian/Native Media
 This course introduces the range of practical and cultural logistics of management, marketing, and advertising for Indian/native media outlets.
 *** Prerequisite: INDG 100 and INDG 101 ***

INCA 290 **6:0-0**
Indian Communication Arts Internship
 The INCA internship gives students four months of intensive training in either print or broadcast media outlets.
 *** Prerequisite: Completion of at least 24 credit hours of INCA/pre-journalism course requirements. ***
 * Note: Students must fill out the Workers' Compensation Agreement form prior to work placement. *

INDG	Indigenous Studies
Faculty of Arts	Department of Indigenous Studies – First Nations University of Canada

INDG 100 **3:3-3**
Introduction to Indigenous Studies I
 This course introduces the subject of Indigenous studies with a survey of Indigenous peoples in Canada from their origins, through European influence, and to the end of the historic treaty period.
 * Note: INDG 100 and INDG 101 can be taken concurrently with permission of the Department Head. *

INDG 101 **3:3-3**
Introduction to Indigenous Studies II
 This course is a survey of Indigenous peoples in Canada during the post treaty period to include political organizations, social and economic change, the land claims process, and issues of self-determination.
 *** Prerequisite: INDG 100 or permission of Department Head ***
 * Note: INDG 100 and INDG 101 can be taken concurrently with permission of the Department Head. *

INDG 104 **3:3-1**
Introduction to Indigenous Higher Learning
 This course utilizes a collection of writings designed to help First Nations students understand themselves through an Indigenous world-view in the context of university life. This course assists students in developing attitudes and aptitudes necessary for academic and future life success through principles of critical thinking and learning.
 * Note: Students who have completed 30 credit hours or more may not take INDG 104 for credit unless they have prior written permission of their faculty or college. *

INDG 200 **3:3-3**
Introduction to International Indigenous Issues
 This course is an introduction to current issues, developments, and concepts affecting Indigenous peoples.
 *** Prerequisite: INDG 100 and 101 or permission of Department Head ***

INDG 208 **3:3-0**
Cree Culture and History
 This course surveys the culture and history of Cree societies, with special emphasis on Cree societies resident in Saskatchewan.
 *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***
 * Note: The course includes a field trip or significant cultural event. *

INDG 210 **3:3-0**
Assiniboine Culture and History
 This course surveys the culture and history of Assiniboine societies, with special emphasis on Assiniboine societies resident in Saskatchewan.
 *** Prerequisite: INDG 100 and INDG 101, or permission of Department Head ***
 * Note: The course includes a field trip or significant cultural event. *

INDG 215 **3:3-0**
Saulteaux Culture and History
 This course surveys the culture and history of Plains Ojibway (Saulteaux) societies, with special emphasis on Saulteaux societies resident in Saskatchewan.
 *** Prerequisite: INDG 100 and INDG 101, or permission of Department Head ***
 * Note: The course includes a field trip or significant cultural event. *

INDG 216 **3:3-0**
Dene Culture and History
 This course surveys the culture and history of Dene societies, with special emphasis on Dene societies resident in Saskatchewan and the Northwest Territories.
 *** Prerequisite: INDG 100 and INDG 101, or permission of Department Head ***
 * Note: The course includes a field trip or significant cultural event. *

INDG 218 **3:3-0**
Dakota Culture and History
 This course surveys the culture and history of Dakota societies, with special emphasis on Dakota societies resident in Canada.
 *** Prerequisite: INDG 100 and INDG 101, or permission of Department Head ***
 * Note: The course includes a field trip or significant cultural event. *

INDG 219 **3:3-0**
Inuit Culture and History
 This course surveys the culture and history of Inuit societies in Canada, their perceptions, developments, and interpretations.
 *** Prerequisite: INDG 100 and INDG 101, or permission of Department Head ***
 * Note: The course includes a field trip or significant cultural event. *

INDG 221 Metis Culture and History This course surveys the historical development of the Metis as a distinct culture and society, their relations to Indian Nations, and their past and present roles in the evolution of Canadian society. *** Prerequisite: INDG 100 and INDG 101, or permission of Department Head *** * Note: The course includes a field trip or significant cultural event. *	3:3-0	INDG 258 Gender Issues and Indigenous Societies This course examines the concepts of gender both within and among Indigenous societies. The holism of Indigenous perspectives will be demonstrated. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3
INDG 222 Topics in Cultural Heritage - an AA-ZZ series. This course surveys the culture and history of selected Indigenous societies, with emphasis on the Indigenous cultural heritage of Canada. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head *** * Note: The course includes a field trip or significant cultural event. *	3:3-3	INDG 270 Introduction to Museums and First Peoples This web-based course introduces the history and the role of museums and examines museum practices concerning First Peoples at the Canadian Museum of Civilization. *** Prerequisite: INDG 100 and INDG 101, or permission of Department Head ***	3:3-0
INDG 224 Indigenous Political Systems of North America This course examines the structures, processes, organizations, and dynamics of selected North American Indigenous political systems. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3	INDG 280 Research Issues in Indigenous Studies This course examines the dynamics of research in Indigenous studies, including ethics, sensitivities, protocols, and priorities. This course will survey the history of research in Indigenous studies. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3
INDG 225 Principles of Indigenous Law This course examines the concept of aboriginal rights, as well as other special rights of aboriginal people, from both Indigenous and western legal perspectives. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3	INDG 281 Methods and Theory in Documenting Oral Traditions This course introduces methods and theory in the documentation of oral traditions and texts specifically focused on Indigenous contexts. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3
INDG 228 Indigenous History Within Canada: Eastern Canada This course surveys the history of Indigenous/non-Indigenous relations in Eastern Canada from contact to the present, emphasizing the historical perspectives of specific Indigenous societies. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3	INDG 282 Methods in Indigenous Community-Based Research This course will provide the basic methods in applied research involving Indigenous people and their communities. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3
INDG 229 Indigenous History Within Canada: Western Canada This course surveys the history of Indigenous/non-Indigenous relations in Western Canada from contact to the present, emphasizing the historical perspectives of specific Indigenous societies. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3	INDG 300 Indigenous Peoples and Development Change in Latin America This course is an introduction to problems of development and development change affecting Indigenous peoples of Latin America through comparative analysis and case studies. *** Prerequisite: INDG 200 or permission of Department Head ***	3:3-0
INDG 232 Indigenous Systems of Religion and Philosophy This course will examine the systemic nature and concepts of Indigenous religious and philosophical belief, thought, and practice. The holism of Indigenous perspectives will be demonstrated. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3	INDG 301 Contemporary Indigenous Issues in Canada This course examines issues confronting contemporary aboriginal societies, comparing and contrasting the present concerns and aspirations of aboriginal people in Canada. *** Prerequisite: Any 200-level course in Indigenous Studies or permission of Department Head ***	3:3-3
INDG 234 Ethnology of North American Indians This course is an investigation of the cultural and social systems of the culture areas of North America. Attention to ecological adaptation, social organization, value systems and integration of cultures will be combined with a focus on ethnological problems and anthropological methods. *** Prerequisite: INDG 100 and INDG 101, or permission of Department Head *** * Note: ANTH 100 recommended. *	3:3-0	INDG 305 Urbanization and the Indigenous Peoples This course examines the increasing migration of Canadian Indigenous peoples to urban centres and their changing socio-economic conditions. Includes examination of government policy affecting off-reserve Indians, and urban Indian agents for change. *** Prerequisite: Any 200-level course in Indigenous Studies or permission of Department Head ***	3:3-3
INDG 236 Indigenous Economic, Environmental, and Geographic Systems This course will examine the interrelationships of Indigenous economies, environments, and geographies. The holism of Indigenous perspectives will be demonstrated. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3	INDG 320 Exchange Relations in Indigenous Societies This course is an examination of pre-contact and post- contact trade relations of Indigenous peoples of Canada. *** Prerequisite: INDG 228 or INDG 229 or permission of Department Head ***	3:3-3
INDG 238 Systems of Indigenous Identity, Culture and Society This course will examine concepts central to Indigenous identity, including those categorized as cultural, social, and psychological. The holism of Indigenous perspectives will be demonstrated. *** Prerequisite: INDG 100 and INDG 101 or permission of Department Head ***	3:3-3	INDG 324 Politics and the Indigenous Peoples of Canada This course will survey the recent national political situation of Canadian Indians, Canadian Indian organizations and associations, major political issues, and future directions. *** Prerequisite: INDG 224 or permission of Department Head ***	3:3-3
		INDG 325 The Indian Act This course will study and analyze the Indian Act(s) through lectures, seminars, and case studies, including its historical, legislative, and legal background, its effect upon Indigenous societies, and its future role.	3:3-3

*** Prerequisite: INDG 224 or INDG 225 or permission of Department Head ***

INDG 332 3:3-0

Indigenous Religions and Philosophy

This course is an analytical investigation of the traditional world views, philosophies and religions of the Indigenous people of North America, including the narratives of Elders, creation stories, the Trickster, syncretism, ritual studies, dreams, reincarnation and environmental ethics. The holism of Indigenous perspectives will be demonstrated.

*** Prerequisite: INDG 232 or permission of Department Head ***

INDG 334 3:3-3

History of the Study of Indigenous Peoples as the "Other"

This course contextualizes the extensive literatures produced by scientists and humanists as a result of the study of Indigenous peoples. This course will cover the objective, subjective, reflexive, and representative aspects of Indigenous cultures and societies, approached through sociological knowledge and history of ideas.

*** Prerequisite: INDG 100 and 101 or permission of Department Head. INDG 234 is recommended. ***

INDG 338 3:3-3

Reserves - Their History and Development

This course is a descriptive and analytical study of Indian reserves focusing on the social and political economy of the Indigenous peoples prior to and after European arrival, and the invention and implementation of the reserve as a structure of social control in government policy.

*** Prerequisite: INDG 228 or INDG 229 or permission of Department Head ***

INDG 340 3:3-0

Indian Reserve Economic Planning

This course will examine economic development theory and planning processes, including human resource development, as they apply to the Indian reserve economy. The methods of conducting community economic base studies and preparing economic development plans will be examined. Critical evaluation of case studies of community economic development will be used to develop analytical skills.

*** Prerequisite: INDG 236 and INDG 282, or permission of Department Head ***

INDG 358 3:3-3

The Roles of Women in Indigenous Societies

This course is an analytical investigation of the traditional and contemporary roles of Indigenous women in Indigenous societies, including legal status, social systems, political constituency, and spiritual power.

*** Prerequisite: INDG 258 or permission of Department Head ***

INDG 360 3:3-3

Indigenous Economic Geography

This course is a study of Indigenous socio-economic characteristics and management of community resources.

*** Prerequisite: INDG 236 or permission of Department Head ***

INDG 372 3:3-0

Canadian Land Claims Settlement Processes

This course explores the history and development processes of land claims in Canada resulting from efforts subsequent to the Calder decision and the announced policies of comprehensive and specific claims to contemporary developments, including the Nisga'a Final Agreement, the Delgamuukw decision, the Treaty Land Entitlement frameworks in place and the Indian Claims Commission.

*** Prerequisite: INDG 100 and INDG 101, INDG 228 and 229 are recommended. ***

INDG 375 3:3-3

Indigenous History Within the United States

This course surveys the histories of selected Indigenous groups in their experience of being engulfed by the creation of the United States. This will be done by examining policy development and implementation and the experience of Indigenous people in their resistance and perseverance.

*** Prerequisite: INDG 228 or INDG 229 or permission of Department Head ***

* Note: The course includes a field trip. *

INDG 380 3:3-3

Research Methods in Indigenous Studies

This course is a survey of various research methods compatible with the goals of Indigenous studies research agendas. The course will

include a sampling of various kinds of applied and pure research accomplishments.

*** Prerequisite: INDG 280, INDG 281, or INDG 282 or permission of Department Head ***

INDG 390 1-3:3-0

Directed Reading and Research - an AA-ZZ series.

Courses designed for individual students.

** Permission of the Department Head is required to register. **

INDG 400 3:3-0

Indigenous Peoples Under International Law

This course is a comparative political analysis of the major features in the development and application of international law as it pertains to Indigenous peoples. It focuses on the nature and evolution of the international Indigenous movement as well as the issues, ideas and limitations of using international law.

*** Prerequisite: INDG 300 or permission of Department Head ***

INDG 410 3:3-3

Ethnic Identity Theory and Indigenous Studies

This course will examine ethnic identity theories in the social sciences and their application to the study of Indigenous societies.

*** Prerequisite: INDG 238 and any 300-level course in Indigenous Studies or permission of Department Head ***

INDG 415 3:3-3

North American Indigenous Religious Philosophies

This course analyzes traditional Indigenous religious systems of thought, practice, and beliefs, and the impact of these philosophies on contemporary Indigenous ideas.

*** Prerequisite: INDG 232 and any 300-level course in Indigenous Studies or permission of Department Head ***

INDG 421 3:3-0

Issues in Self-Determination

This course explores models for self-determination, including economic development, land claims and other issues.

*** Prerequisite: INDG 224 and any 300-level course in Indigenous Studies, or permission of Department Head ***

INDG 424 3:3-3

The Principles of Indigenous Governance

This course analyzes the principles, structures, and development of Indian governments in Saskatchewan and Canada, emphasizing emerging models.

*** Prerequisite: INDG 324 or permission of Department Head ***

INDG 428 3:3-3

Ethnohistory: Theory and Method in the Study of Peoples of the Americas

In this course, ethnohistory, an important methodological orientation within Indigenous studies, is examined by specific studies to discern applications of developing thought and practice.

*** Prerequisite: INDG 228 and INDG 229 or permission of Department Head. INDG 375 is recommended. ***

INDG 430 3:3-0

Aboriginal Peoples and the Canadian Constitution

This course examines the key struggle to entrench the rights of aboriginal peoples in the Canadian Constitution, changes in the Indian Act over time, and the processes of constitutional negotiations with federal and provincial governments.

*** Prerequisite: INDG 301 and INDG 324, or permission of Department Head ***

INDG 440 3:3-3

Strategies for Indigenous Economic Development

This course examines key issues and strategies in Indigenous economic development.

*** Prerequisite: INDG 340 or permission of Department Head ***

INDG 480 3:3-3

Indigenous Studies Field Research Practicum

This course is an applied field research project from design to final report stages, to be carried out under the supervision of the Department of Indigenous Studies.

*** Prerequisite: INDG 380 or permission of Department Head ***

* Note: Students must fill out the Workers' Compensation Agreement form prior to work placement. *

INDG 490 **Honours Seminar** **3:3-0**
 This seminar will meet to guide students in their Honours proposal preparation and research.
 *** Prerequisite: INDG 380 ***
 ** Permission of the Department Head is required to register. *

INDG 491 **Honours Thesis** **1-3:3-0**
 This course provides supervision of the writing and completion of the Honours thesis and its defense.
 *** Prerequisite: INDG 380 ***
 ** Permission of the Department Head is required to register. **

INDG 492 **Directed Readings** **3:3-3**
 Courses designed for senior undergraduate students.
 ** Permission of the Department Head is required to register. **

INDG 493 **Directed Readings & Research** **1-3:3-0**
 Courses designed for senior undergraduate students.
 ** Permission of the Department Head is required to register. **

INDG 496 **Selected Topics in Indigenous Studies - an AA-ZZ series.** **1-3:3-0**
 This course is a study of the various story-telling traditions of Indigenous groups.
 ** Permission of the Department Head is required to register. **

INHS	Indian Health Studies
Faculty of Arts	Department of Science – First Nations University of Canada

INHS 100 **Introduction to Indian Health Studies I** **3:3-0**
 Introduction to health science emphasizing Indian perspectives. Topics: history of health and health care, theories of health, personal health, consumerism, interpreting health information and statistics, health careers.

INHS 101 **Introduction to Indian Health Studies II** **3:3-0**
 Introduction to health science emphasizing Indian perspectives. Topics: organization of health services, mental health, nutrition, fitness, sexuality, human relationships, substance abuse, communicable and chronic disease, aging, environmental health, ethical issues.
 *** Prerequisite: INHS 100 ***

INHS 200 **Traditional Indian Health Concepts** **3:3-0**
 Traditional health concepts of aboriginal peoples, emphasizing the aboriginal peoples of North America. The history, evolution, and relevance of traditional beliefs to contemporary health care and health issues are explored.
 *** Prerequisite: INHS 100 and 101 or two INDG courses ***

INHS 210 **Contemporary Issues in Indian Health** **3:3-0**
 An in-depth examination of contemporary issues in Indian health including community planning, major health issues, government policy, Indian control of health care, human resource development, and alternative models of delivery.
 *** Prerequisite: INHS 100 and INHS 101 ***

INHS 300 **Community-Based Indigenous Health Research Methods** **3:3-3**
 This course will focus on basic community-based health research methods involving Indigenous populations in Canada. It will examine the dynamics of conducting applied health research in culturally appropriate ways including special attention to ethics, sensitivities, protocols, and health priorities. Western approaches and research paradigms to research will be analyzed as well as an overview of the importance of research by, with and for Indigenous communities. There will be an opportunity to understand practical applications of community-based research methods presented in the course.
 *** Prerequisite: INHS 100, INHS 101, and INHS 210 ***

INTL	International Studies
Faculty of Arts	International Studies Program

INTL 100 **Introduction to International Studies** **3:3-3**
 This interdisciplinary course introduces students to a range of global issues, including the basics of world geography, history, political and economic systems, and culture. The strong cross-cultural perspective of the course provides students with the necessary foundation to specialize in their own area of interest within the international studies program.

INTL 300 **Globalization: Its Dynamics and Consequences** **3:3-3**
 The course focuses on the driving forces and consequences of globalization. First, it seeks to bring clarity to the idea of globalization by engaging with major arguments. Second, it analyzes the distinct processes of globalization. Third, it explores how globalizing dynamics are linked to the local, national and regional transformations.
 *** Prerequisite: INTL 100 and either of ECON 211 or PSCI 240 ***

INTL 390 **Selected Topics in International Studies - an AA-ZZ series.** **3-15:3-3**
 Current interest and occasional offerings that are relevant to international studies.
 *** Prerequisite: INTL 100 (and potentially other courses) ***

INTL 391 **Internships in International Studies** **3-15:0-15**
 Internships that will contribute to students' learning and experience in the area of International Studies.
 *** Prerequisite: Permission of the Coordinator of the International Studies Program ***

INTL 400 **Capstone International Studies Seminar** **3:3-3**
 This interdisciplinary seminar will examine key selected international contemporary issues that integrate area studies or international relations concentrations, from the perspective of globalization and its link to human development. The seminar will put emphasis on the development and presentation of an integrative paper by each participant with critiques from each other being a key component.
 *** Prerequisite: INTL 300, ECON 211, PSCI 240, and one of RLST 100, 211 or 241 ***

ISW	Indian Social Work
Faculty of Social Work	School of Indian Social Work – First Nations University of Canada

The following courses are part of the program for achieving the Certificate of Indian Social Work and the Bachelor of Indian Social Work. Many of the University of Regina social work courses are included in Indian Social Work students' programs to complete the social work course requirements.

ISW 200 **Introduction to Social Work** **3:3-0**
 This course provides an overview of both First Nations and western social work models, historical development, and current practice issues. Students are introduced to a critical analysis of the social work profession, and exposed to a range of social work theories and models.

ISW 321 **Human Growth and Development from Traditional Teachings** **3:3-0**
 Elders and others share knowledge of human development from conception to death and beyond from a traditional First Nations perspective. This course considers biological, psychological, social and cultural factors of development. Emphasis is placed on individuals continuing to strive for balance personally and professionally.
 *** Prerequisite: ISW 200. Concurrent enrolment is allowed. ***

ISW 346 Indian Social Work Practice I This course examines the theories, methods and skills related to Indian social work with individuals, families, groups and communities. A history of First Nations traditional helping systems is examined. Culturally supportive skills are practiced. Students will be preparing for the first practicum. *** Prerequisite: ISW 200 *** * Note: Recommend students be in School of Indian Social Work. *	3:3-0	*** Prerequisite: ISW 200 ***
ISW 351 Human Relations from First Nations' Perspectives This course, taught by a traditional Elder, introduces students to philosophies and practices of human relations from a First Nations cultural world-view. Students examine principles and dynamics of self-awareness, personal development, and interpersonal relationships within human relationships and with the environment. *** Prerequisite: ISW 200. Concurrent enrolment is allowed. ***	3:3-0	ISW 416 Ageing This course reviews stages of life from a First Nations' perspective focusing on how these relate to the needs, supports, and services of the elderly. A focus on the role of traditional Elders will be explored. There is an emphasis on social work skills required when working with ageing individuals. *** Prerequisite: ISW 200 ***
ISW 352 Cultural Camp Cultural Camp is a six-week class, ten days of which are spent at a Saskatchewan First Nation in a traditional camp setting. Taught by traditional Elders, this course is intended to provide students with an opportunity to learn about Indian values, philosophies, spirituality, and ceremonies. *** Prerequisite: ISW 200 and ISW 351 *** * Note: Recommend students be in School of Indian Social Work. *	9:3-0	ISW 417 Alcohol and Drug Abuse This class will examine addictions from the perspective of oppression and racism being major contributors. Healing, using traditional approaches balanced with Western methodology, will be a primary focus. *** Prerequisite: ISW 200 ***
ISW 377 Introduction to Traditional Self-Healing This course, taught by a traditional Elder, assists students in self-healing following First Nations ceremonies. This course uses the sacred circle to discuss personal issues. There is a concentration on traditional principles, protocols, philosophies of traditional healing, and ceremonies. *** Prerequisite: ISW 200 ***	3:3-0	ISW 425 Group Work in First Nations' Practice Traditional and western theories of groups will be explored with a focus on group dynamics in various settings. Traditional teachings, learning, and healing circles will be incorporated. The course provides preliminary skills for working with groups regarding problem solving, decision-making, power issues, conflict resolution, and consensus. *** Prerequisite: ISW 200 ***
ISW 390 Communication Skills in Indian Social Work Practice This course will provide students with an introduction to skills and theories for personal and professional communication, both within Indian and mainstream contexts. Active listening, assertiveness, interviewing, and public speaking will be practiced throughout the class. Students will increase their competence as communicators in all areas of their lives. *** Prerequisite: ISW 200 ***	3:3-0	ISW 437 Social Work with Indian Families This course introduces social work with First Nation families with an emphasis on colonization and the breakdown of family structures that were in place prior to colonization. The restructuring of First Nations families within a traditional model will be presented. *** Prerequisite: ISW 200 ***
ISW 402 Indian Social Work Practice and Human Sexuality The role of Indian social work in working toward sexual healing at a personal, community, and national level will be explored. Through connecting the personal to the political, the course will address issues of sexuality in childhood and youth, sexual abuse and healing, sexual violence and sex for sale. *** Prerequisite: ISW 200 ***	3:3-0	ISW 440 Counselling Theories and Applications Relevant to Indian Social Work This course examines various counseling theories, models, and techniques relevant to Aboriginal communities and includes the medicine wheel and circle teachings. Other counseling approaches include, but are not limited to, traditional, behavioural, cognitive, Rogerian, Freudian, and New Age. *** Prerequisite: ISW 200 ***
ISW 403 Death Dying Loss and Grief A traditional First Nations' perspective regarding death, dying, and loss is examined. Death as a part of the cycle of life, terminal illness and grieving will be explored. Traditional practices and perspectives are discussed reflecting on the role of the social worker in this context. *** Prerequisite: ISW 200 ***	3:3-0	ISW 447 Indian Social Work Practice II This course focuses on examining and practicing skills that enhance the helping relationship through First Nations and congruent western counseling methods. Traditional values, principles and ethics are re-examined to support the development of a personal philosophy of being a helper. *** Prerequisite: ISW 200, ISW 346 and ISW 448 *** * Note: Recommend students be in School of Indian Social Work. *
ISW 411 Social Work with Victims of Abuse Theories of abuse, power and control, and victimization are examined with a particular focus on the historical abuses imposed on the First Nations of Canada. Legislative protections are reviewed. Understanding the process of healing from abuse is a primary objective emphasizing traditional approaches to balance and harmony. *** Prerequisite: ISW 200 ***	3:3-0	ISW 448 Indian Social Work Practicum I This course provides the opportunity to do a practicum in First Nation organizations, on reserves and/or incorporating First Nations perspectives into social work practice. The practicum seminar assists students in the integration of theory and practice through sharing of experiences and knowledge. *** Prerequisite: ISW 200 and 346 *** * Note: Recommend students be in School of Indian Social Work. *
ISW 414 Indian Children's Services This course examines the history of Indian child welfare focusing on jurisdictional issues, fundamental agreements, and programming. Traditional principles, values, and philosophies for children are discussed in relationship to family systems, kinship care, and service delivery systems. Also examined is the development of the Indian Child Welfare system.	3:3-0	ISW 450 Community Development from a First Nations Perspective This course examines community structures that have been in existence for First Nations and how structures have changed throughout time. Community organization, adult education, organization principles are also addressed. Participatory research strategies and ethical issues are examined. *** Prerequisite: ISW 200 ***
		ISW 451 Introduction to Human Service Research with/for First Nations This course introduces the basic methodologies, protocols, and cultural appropriateness of social research with First Nations. Qualitative and quantitative tools are discussed while drawing on community-based participatory research. Students also study how research can be a vehicle for movement and development in the Aboriginal community.

*** Prerequisite: ISW 200 and ISW 448 ***

* Note: Recommend students be in School of Indian Social Work. *

ISW 458 15:0-3

Social Work Practicum II

The purpose of this class will be to increase students' ability and skill in areas of social work intervention through practice. Emphasis is on initiation, consultation, development and implementation using social work skills. A clearer awareness and ability to integrate First Nations' approaches into social work is expected.

*** Prerequisite: ISW 200 and ISW 447 ***

* Note: Recommend students be in School of Indian Social Work. *

ISW 469 3:3-0

Social Policy Development and Services Delivery

Students will gain familiarity with the Canadian context of social policy, and how First Nations communities both impact and are impacted by this broader context. The role social workers can play to influence social policy development, to enhance self-determination, and other First Nations' agendas will be explored.

*** Prerequisite: ISW 200 ***

* Note: Recommend students be in School of Indian Social Work. *

ISW 478 3:3-0

Traditional Counseling

This course considers characteristics of traditional counselling, the inadequacies of Western-oriented social work counselling with many First Nations clients, and how traditional counselling could improve social work practice. This course is taught with Elders and is suggested for senior students.

*** Prerequisite: ISW 200 ***

* Note: Recommend students be in School of Indian Social Work and have completed ISW 448. *

ISW 482 3:3-0

International Themes in Social Work with Indigenous Peoples

Students will explore the international context of social work, human rights and 'development' with emphasis given to the experiences of Indigenous peoples. Roles of social workers within the broader context of globalization, international trade, the United Nations, non-government organizations, and social movements will be explored.

*** Prerequisite: ISW 200 ***

* Note: Recommend students be in School of Indian Social Work. *

ISW 485 3:3-0

Selected Topics in Research - an AA-ZZ series.

Individual or group practice in developing viable research proposals, analyzing specific problems in social work, and carrying through library and/or field research projects.

ISW 495 1-3:3-3

Individual and Group Inquiries - an AA-ZZ series.

Tutorials, directed readings, "learning contracts", and other agreements stipulating specified objectives negotiated between an instructor and individual students or groups of students.

JAPAN	Japanese
Faculty of Arts	Department of International Languages

JAPAN 100 3:3-1

Introductory Japanese I

This introductory course will focus on developing the basic skills of reading, writing, listening and speaking. Hiragana and Katakana systems of writing are introduced.

*** Prerequisite: No previous background in Japanese. ***

* Note: Students may not receive credit for both JAPAN 100 and JAPAN 110. *

JAPAN 101 3:3-1

Introductory Japanese II

A continuation of JAPAN 100. This course will continue to introduce the basic elements of Japanese, with more emphasis placed on communicative skills in daily life. Knowledge of Hiragana and Katakana is necessary for this class. Approximately 50 Kanji are introduced.

*** Prerequisite: JAPAN 100 or permission of Department ***

* Note: Students may not receive credit for both JAPAN 101 and JAPAN 110. *

JAPAN 102 3:3-1

Introductory Japanese III

A continuation of JAPAN 101 or JAPAN 110. This course will focus on developing communicative skills using more complex structures in a culturally appropriate manner. Knowledge of Hiragana and Katakana is required. Approximately 100 Kanji characters will be introduced.

*** Prerequisite: JAPAN 101 or 110 or permission of Department ***

* Note: Students may not receive credit for both JAPAN 102 and JAPAN 210. *

JAPAN 110 6:6-2

Intensive Introductory Japanese

This course combines the material of JAPAN 100 and JAPAN 101.

*** Prerequisite: No previous background in Japanese. ***

* Note: Students may not receive credit for both JAPAN 110 and either of JAPAN 100 or JAPAN 101. *

JAPAN 200 3:3-1

Intermediate Japanese I

This course is designed to reinforce the fundamentals of Japanese language introduced in 100-level courses. Everyday speech patterns are stressed in order to strengthen communicative competence. Approximately 90 new Kanji characters are introduced.

*** Prerequisite: JAPAN 102 or permission of Department ***

* Note: Students may not receive credit for both JAPAN 200 and JAPAN 210. *

JAPAN 201 3:3-1

Intermediate Japanese II

A continuation of JAPAN 200 or 210. Introduction to more complex sentence structures in both casual and formal speech styles. All four language skills are emphasized and approximately 120 new Kanji characters are introduced.

*** Prerequisite: JAPAN 200 or 210, or permission of Department ***

JAPAN 202 3:3-1

Intermediate Japanese III

A continuation of JAPAN 201. This course will focus on strengthening communicative competence in casual, formal and honorific speech styles with continued emphasis placed on more complex patterns and structures. Approximately 90 new Kanji characters are introduced.

*** Prerequisite: JAPAN 201, or permission of Department ***

JAPAN 210 6:6-2

Intensive Intermediate Japanese

This course combines the material of JAPAN 102 and JAPAN 200.

*** Prerequisite: JAPAN 101 or 110, or permission of Department ***

* Note: Students may not receive credit for both JAPAN 210 and either of JAPAN 102 or JAPAN 200. *

JAPAN 290 1-3:3-1

Tutorials and Directed Readings in Japanese - an AA-ZZ series

These courses are designed to increase student's skills in reading, writing, comprehension and communication.

** Permission of the Department may be required to register in some offerings. **

JAPAN 300 3:3-1

Advanced Japanese I

This course will focus on more vocabulary acquisition, Kanji characters and communication styles through authentic reading and conversations to develop more advanced knowledge.

*** Prerequisite: JAPAN 202 or permission of Department ***

JAPAN 301 3:3-1

Advanced Japanese II

This course places further emphasis on the development of communicative competence with different speech styles. Reading and writing skills are further developed.

*** Prerequisite: JAPAN 202 or permission of Department ***

JAPAN 390 0-3:3-3

Tutorials and Directed Readings in Japanese - an AA-ZZ series.

These courses are designed to increase students' skills in reading, writing, comprehension, and communication.

** Permission of the Department may be required to register in some offerings. **

JAPAN 490 3:3-3

Advanced Tutorials and Directed Readings in Japanese - an AA-ZZ series.

** Permission of the Department may be required to register in some offerings. **

JRN	Journalism
Faculty of Arts	School of Journalism

JRN 300 3:3-3

Introduction to Print Journalism

Study and practice of newsgathering fundamentals and principles in reporting for newspapers and their websites. A focus on information gathering, clear, complete, accurate and fair story writing to deadlines, the essentials of headline writing, page layout and editing according to Canadian Press style guidelines followed in newspapers across the country.

*** Prerequisite: Admission to the School of Journalism. ***

JRN 301 3:3-3

Introduction to Broadcast Journalism

Study and practice of newsgathering, writing and reporting for radio and television. A focus on the development of broadcast specific skills to understand and relay the daily events and issues of public importance as presented in a broadcast news format.

*** Prerequisite: Admission to the School of Journalism. ***

JRN 302 3:3-0

Rights and Responsibilities of the Journalist

A critical look at the social role and ethical responsibilities of the media. An introduction to journalistic responsibilities and legal parameters, including court reporting, image use, libel and slander, protecting sources, etc. A focus on understanding journalist rights, including freedom of expression, access to information, and the justice system.

*** Prerequisite: Admission to the School of Journalism. ***

JRN 303 3:3-0

Research Techniques for Journalists

An introduction to well-researched and well-told reporting, including building a research file, research sources and tools, libraries and archives, fact checking, placing facts within narrative structure, engaging and informing the reader, using research to enhance descriptive power, and analyzing and translating complex information for a mass audience.

*** Prerequisite: Admission to the School of Journalism. ***

JRN 304 3:3-0

Foundations of Interviewing for Journalists

Foundations of Interviewing for Journalists
An introduction to the fundamentals of conducting successful interviews. A focus on interview techniques and style, accurate note-taking, the process of re-telling people's stories, placing interviews within narrative structure, handling ethical dilemmas, active listening, understanding memory and human psychology, and the analysis of live and taped interviews will be examined.

*** Prerequisite: Admission to the School of Journalism. ***

JRN 305 3:3-3

Intermediate Print Journalism

Continuing study and practice of newsgathering and writing for daily news, with in-depth reporting on current issues. A focus on beat coverage, editing and production, feature preparation, backgrounders, analysis pieces, and style guidelines. A critical study of Canadian newspapers through analysis, examination and debate of examples of excellent journalism.

*** Prerequisite: JRN 300 ***

JRN 306 3:3-3

Intermediate Broadcast Journalism

Continuing study and practice of newsgathering, writing and reporting for radio and television. A focus on longer form reporting for broadcast, with specific attention on the skills to fit in-depth analysis and commentary of public issues into a variety of broadcast formats ranging from talk tapes to mini documentaries.

*** Prerequisite: JRN 301 ***

JRN 307 3:3-0

Investigative Journalism

The history and social role of investigative journalism. Students will explore investigative tools and techniques, including accessing public information, approaching and interviewing hostile sources, computer assisted reporting, online resources, ethical pitfalls, journalistic numeracy, avoiding legal problems, ensuring accuracy, fact-checking and security.

*** Prerequisite: JRN 303 and JRN 304 ***

JRN 308 3:3-0

Contemporary Issues in Journalism

This course examines selected topics of importance to journalists, and aims to promote critical responses to journalistic issues, interpreting and disseminating information about an increasingly complex world, technological advances in reporting, and developing journalistic fluency in a mediated culture.

*** Prerequisite: JRN 302 ***

JRN 310 3:3-0

History of the Media and Journalism

An introduction to the history of the media and journalism, providing a broad examination of trends and developments, including the major milestones in media development.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 311 3:3-0

Media, Power and Communication Rights

A critical analysis of the politics and structure of media power. Discussion from the perspective of citizen's access to media and communication as a right, including an exploration of models for media reform.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 312 3:3-0

Photo Journalism

A detailed examination of the photo journalist's role in the news gathering process. A focus on communicating through imagery and the power of visual story telling, with emphasis on practical techniques and problem solving.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 313 3:3-0

Weeklies

An examination of the special demands of a weekly newspaper and its role in the community.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 314 3:3-0

Feature Journalism

Intensive seminar/workshop based course focused on story development and story craft for longer print or broadcast pieces, including research, narrative structure, character development, imagery, and the substantive editing process with applications for newspapers, television, radio, and magazines.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 317 3:3-0

Agricultural Journalism

An intensive study of the specialized field of agricultural news gathering, reporting, and writing.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 318 3:3-0

Print Editing

Study and practice of copy-editing skills, emphasizing on-line editing, headline writing and pagination, on deadline.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 400 15:0-0

Internship

Internship is a term served in the field in a work/study capacity. Students select prospective internships and are interviewed for media placements; however, final decisions on placements are at the discretion of the School. Students must accept placements as assigned. Internships are offered in the Winter, Summer or Fall semesters.

*** Prerequisite: Satisfactory completion of JRN 300, JRN 301, JRN 302, JRN 303, and JRN 304. ***

JRN 401 3:3-3

Advanced Print Journalism

This fourth-semester course focuses on specialized reporting of news and current affairs, and writing of opinion pieces and editorials. Students are expected to bring an analytical approach to the course following the internship experience, monitor major print media

coverage of particular issues, and research and investigate publishable stories independently.

*** Prerequisite: JRN 300 and JRN 305 ***

JRN 402 3:3-3

Advanced Broadcast Journalism

Advanced study and practice of current affairs, news gathering, writing, and reporting for the broadcast media. Students are expected to bring an analytical approach to the course following the internship experience, monitor major broadcast media coverage of particular issues, and research and investigate stories independently.

*** Prerequisite: JRN 301 and JRN 306 ***

JRN 410 3:3-0

Advanced Interviewing

Advanced study in interview preparation and effective interviewing techniques.

*** Prerequisite: JRN 304 and JRN 307 ***

JRN 411 3:3-3

Documentary Theory and Production

Introduction to the theory, practice and production of broadcast documentaries. An examination of historical and contemporary perspectives, focusing on practical elements of documentary making, including researching, writing, visual and aural literacy, and technical applications. Working in small groups, students are responsible for the production of a substantial documentary.

*** Prerequisite: JRN 301 and JRN 306, or permission of the Department Head ***

JRN 413 3:3-0

Magazine Writing and Literary Journalism

An intensive writing seminar/workshop with a focus on developing the creative voice and how to apply literary conventions to journalistic writing. A detailed examination of the roots of New Journalism, creative non-fiction, literary journalism, self-directed journalism and the freelance environment.

*** Prerequisite: JRN 300 and JRN 305 ***

JRN 414 6:0-6

Directed Investigative Reporting Project

Directed Investigative Reporting Project
Original, in-depth research into matters of major public interest and importance, organizing the material, writing and editing the script with a view toward publication and/or broadcast. The student will work directly with a faculty supervisor.

*** Prerequisite: Completion of the School's internship program and permission of the Department Head. ***

JRN 415 3:3-0

International Media

The study of the role of media in the processes of globalization and development, with a focus on learning journalistic skills and practices accepted in and by the media of different countries, and reportage of world events and issues in media outside North America.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 416 3:3-0

Political Reporting

The study and practice of political (press gallery) reporting for print and/or broadcast with a focus on issues and public debates arising out of the Saskatchewan Legislature.

*** Prerequisite: JRN 300, JRN 301, JRN 305, and JRN 306 ***

JRN 417 3:3-0

Specialized Reporting

An advanced course focusing on an examination of one form of Beat Reporting. The focus may include: sports, arts, science, religion, aboriginal affairs, medicine, business, environment, education, labour, and/or lifestyle reporting.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 418 3:3-0

Journalism Seminar

Weekly seminars on significant contemporary issues in journalism, led by faculty members and guests, focusing on their particular areas of specialization and research.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 419 3:3-0

Alternative and Community Journalism

An examination of the emergence of the citizen journalist within the context of global media, with a focus on the connection to social movements and social change. Emphasis on alternative and community media in theory and practice, with hands-on learning experiences provided.

*** Prerequisite: Completion of 60 credit hours or permission of Department Head. ***

JRN 480 3:3-3

Selected Topics

Courses designed as required for groups of students.

JRN 496 3:3-3

Directed Studies

Directed study on a research topic and/or journalistic project of special interest to the student.

*** Prerequisite: 60 credit hours and permission of Department Head ***

KHS	Kinesiology & Health Studies
Faculty of Kinesiology and Health Studies	

KHS 100 0:0-2

Seminar in Kinesiology and Health Studies

An introductory seminar to the University and the Faculty of Kinesiology and Health Studies. Students will be introduced to a variety of services available to them and their roles and responsibilities as members of the university community. The seminar will also provide students with degree and career related opportunities. This required course must be completed within one year of admission to the Bachelor of Kinesiology.

* Note: This required course must be completed within one year of admission to the Bachelor of Kinesiology program. Normally offered in fall semester only. *

KHS 131 3:3-0

Philosophy and Practice of Yoga and T'ai Chi

A study of the philosophical and practical aspects of movement through yoga and t'ai chi. This course will incorporate fundamental principles of flexibility training and proper technique.

* Note: This is an applied activity-based course. *

KHS 132 3:2-2

Recreational Sport in an Aquatic Environment

An introduction to various recreational or sport related activities that use water as a medium. This course will focus on water related safety skills, and the development of knowledge and skill in a variety of aquatic-based activities; the course may include water polo, swimming, canoeing, synchronized swimming, and diving.

* Note: Cannot take for credit if completed KHSA 110 unless prior permission received from Program Chair/Associate Dean. Normally offered in fall semester only. *

KHS 135 3:2-2

Personal Fitness and Wellness

The study and practice of effective performance in physical fitness and wellness. This course will include the development of skill, knowledge and attitude in the areas of nutrition, flexibility training, strength training, and aerobic training. Theoretical and practical application of wellness principles as they relate to personal well-being is foundational.

* Note: Cannot take for credit if completed KHSA 116, KHSA 119, and/or KHSA 120, unless prior permission is received from the program Chair/Associate Dean. Normally offered in fall semester only. *

KHS 139 3:3-1

Movement Education

A study of the theoretical, practical, and professional aspects of the content and methodology of movement education, and the growth and development of children.

KHS 140 3:3-0

Introduction to Recreation and Sport Administration

An introduction to the administration of recreation and sport at the local, provincial, and national level.

* Note: Normally offered in fall semester only. *

KHS 141 Role of Leisure and Recreation in Society Focus on the role of leisure and recreation in society emphasizing an understanding of the delivery system and the leisure phenomenon. * Note: Normally offered in fall of odd numbered years only. *	3:3-0	encompassing the role of the individual, the family, and the community in personal health. * Note: Students will not receive credit for both KHS 170 and KHS 171. This is an online course. Web delivered class sections may be subject to an additional \$50.00 material fee. *
KHS 150 Social Psychology of Physical Activity An introduction to the theoretical and practical understanding of the behavioral aspects of physical activity from a social psychological perspective. * Note: Normally offered in fall semester only. *	3:3-1	KHS 182 Coaching Theory The theory of coaching in sport with an emphasis upon the content of the National Coaching Certification Program. * Note: normally offered in the winter semester only. *
KHS 151 Growth and Development This course will focus on the biological foundations of lifespan development. Physical, cognitive, social, and emotional factors will be discussed from conception to late adulthood. * Note: Normally offered in winter semester only. Web delivered class sections may be subject to an additional \$50.00 material fee. *	3:3-0	KHS 185 Variable Content Series AA-ZZ Variable content series to be used for experimental activity courses and independent studies beyond the current KHSA offerings.
KHS 154 Sociology of Physical Activity and Sport A general sociological perspective of physical activity, particularly the theoretical concepts and issues related to sport, leisure, and recreation. * Note: Normally offered in winter semester only. *	3:3-1	KHS 190 Introduction to Adapted Physical Activity and Recreation An examination of the characteristics of persons with physical, developmental, and emotional disabilities and a practical opportunity to adapt physical activity and recreation to meet special needs. * Note: Normally offered in winter semester only. Web delivered class sections may be subject to an additional \$50.00 material fee *
KHS 156 Leadership This course will provide the student with an in-depth theoretical and practical exploration of the concepts of leadership in Kinesiology and Health Studies. * Note: Normally offered in winter semester only. Web delivered class sections may be subject to an additional \$50.00 material fee. *	3:3-1	KHS 231 Educational Gymnastics The study and practice of effective performance in educational gymnastics. Through theoretical and practical experiences, students will learn the application of Basic Movement Variables, Basic Movement Patterns, Performance Cues, appropriate methods of analysis, and instruction of performance in educational gymnastics. *** Prerequisite: KHS 139 *** * Note: Cannot take for credit if completed KHSA 107 unless prior permission received from Program Chair/Associate Dean. Normally offered in fall semester only. *
KHS 165 Motor Learning A survey of experimental findings, field observations and practical experiments related to the study of psychological factors affecting acquisition and performance of skill. * Note: Normally offered in fall semester only. *	3:3-1.5	KHS 232 Rhythmics and Dance The study and practice of effective performance in rhythmics and dance. Through theoretical and practical environments, students will learn the application of Basic Movement Variables, Basic Movement Patterns, Performance Cues, appropriate methods of analysis, and instruction in rhythmics and dance. *** Prerequisite: KHS 139 *** * Note: Cannot take for credit if completed KHSA 108 and/or KHSA 109, unless prior permission received from Program Chair/Associate Dean. Normally offered in winter semester only. *
KHS 168 Human Anatomy The study of human anatomy and the application of this knowledge to movement and physical activity. Although the course will focus on muscular and skeletal anatomy, basic anatomy of all systems will be covered. * Note: Normally offered in fall semester only. *	3:3-1.5	KHS 233 Developmental Games and Sports The study and practice of educational and developmental appropriate experiences to learning and teaching games and sports. Through theoretical and practical experiences students will learn the application of Basic Movement Patterns, Basic Movement Variables, Performance Cues, appropriate methods of analysis, and instruction in developmental games and sports. *** Pre-requisite: KHS 139 *** * Note: Cannot take for credit if completed KHSA 103, KHSA 104, KHSA 106, and/or KHSA 112, unless prior permission received from Program Chair/ Associate Dean. Normally offered in winter semester only. *
KHS 168AA Human Anatomy A This course carries 1.5 credit hours. KHS 168AA (Human Anatomy A) together with KHS 168AB (Human Anatomy B) cover the same material as is covered in KHS 168 (Human Anatomy), but at a slower pace. Students must complete KHS 168AA in order to receive credit, and a grade for KHS 168AB. The combination of KHS 168AA and KHS 168AB can be used in place of KHS 168. *** Prerequisite: One 30-level science from Biology, Chemistry or Physics, and for high school students, a minimum secondary average of 75%. ***	1.5:1.5-0.75	
KHS 168AB Human Anatomy B This course carries 1.5 credit hours, and is a continuation of KHS 168AA (Human Anatomy A). Students must complete KHS 168AA in order to receive credit, and a grade for KHS 168AB. The combination of KHS 168AA and KHS 168AB can be used in place of KHS 168. *** Prerequisite: KHS 168AA ***	1.5:1.5-0.75	
KHS 170 Lifestyle and Health The factors which affect an individual's health will be examined and the potential role of lifestyle choices in the maintenance of health will be discussed. * Note: Students will not receive credit for both KHS 170 and KHS 171. Normally offered in fall semester only. *	3:3-1.5	KHS 240 Administration of Voluntary Recreation and Sport Associations An analysis of volunteer recreation and sport organizations with a particular focus on the Saskatchewan delivery system. *** Prerequisite: KHS 156 *** * Note: Normally offered in fall semester only. *
KHS 171 Holistic Health The factors that affect an individual's health will be examined from a population health perspective. A variety of topics will be covered	3:0-1	KHS 242 Facility Design and Management An investigation and analysis of physical activity facility design and management. *** Prerequisite: KHS 140 and KHS 156 *** * Note: Normally offered in winter semester only. *
		KHS 243 Program Development for Service Organizations An examination of the planning process and various program applications in the physical activity delivery system. *** Prerequisite: KHS 140 and KHS 156 *** * Note: Normally offered in fall semester only. *

KHS 261 3:3-2
Biomechanics
 Human movement is investigated with particular reference to the laws of physics (mechanics) and anatomical concepts as applied to joint motion and muscular action.
 *** Prerequisite: PHYS 109 and KHS 168 ***
 * Note: Normally offered in fall semester only. *

KHS 267 3:3-0
Human Physiology I
 An introductory class that deals with cellular mechanisms and some of the functions and interactions between major physiological systems of the human body.
 *** Prerequisite: KHS 168 ***
 * Note: Normally offered in winter semester only. *

KHS 268 3:3-0
Human Physiology II
 An advanced class in the major physiological systems that are involved in the preservation of homeostasis in the human body.
 *** Prerequisite: KHS 267 ***
 * Note: Normally offered in the winter even, and spring/summer odd semesters only. *

KHS 269 3:3-2
Exercise Physiology
 The study of the physiological mechanisms involved during physical activity. The course covers the physiological effects of acute and chronic exercise on the metabolic, neuromuscular, respiratory, and cardiovascular systems.
 *** Prerequisite: KHS 267 ***
 * Note: Normally offered in the fall semester only. *

KHS 290 3:3-0
Therapeutic Recreation
 An introduction to the foundations, history, and development of the profession of Therapeutic Recreation. Students will be supported in their journey to understand the specialized area of expertise that makes Therapeutic Recreation unique within the health professions.
 *** Prerequisite: KHS 190 ***
 * Note: Normally offered in fall semester only. *

KHS 291 3:3-0
Assessment
 This course examines the concepts of assessment as they apply within the disciplines of adapted physical activity and therapeutic recreation.
 *** Prerequisite: KHS 190 ***
 * Note: Normally offered in the fall semester only. *

KHS 292 3:3-0
Aging
 This course provides the student with a basis for examining the relationship amongst physical activity, recreation, leisure and therapeutic recreation and aging.
 *** Prerequisite: KHS 170 and KHS 190 ***
 * Note: Normally offered in the winter semester only. *

KHS 300 0:2-0
Pre-Fieldwork Seminar
 This non-credit mandatory pre-fieldwork seminar will provide the student with an in-depth overview of the Fieldwork Program within Kinesiology and Health Studies. Students will gain an understanding of the policies, procedures, rules, and responsibilities of the student, faculty, and agency.
 *** Prerequisite: Completion of 60 credit hours. ***
 * Note: Normally offered in the fall semester only. *

KHS 341 3:3-0
Applied Ethics in Kinesiology and Health
 An analysis, using case studies, of management theory as applied to Kinesiology and Health organizations.
 *** Prerequisite: Completion of 60 credit hours and KHS 140. ***
 * Note: Normally offered in fall semester only. *

KHS 344 3:3-0
Government and Policy in Recreation and Sport
 An investigation of the role that the various levels of government play in the delivery of physical activity and an appreciation of the role of politics.
 *** Prerequisite: Completion of 60 credit hours. ***
 * Note: Normally offered in the fall semester of even years only. *

KHS 345 3:3-0
Legal Issues in Physical Activity, Recreation, and Sport
 An investigation of the legal issues and the management of risk in the sport and recreation delivery systems.
 *** Prerequisite: Completion of 60 credit hours. ***
 * Note: Normally offered in the fall semester of odd years only. *

KHS 349 3:0-0
Sport Tourism
 An examination of sport tourism from an economic perspective, incorporating social, cultural and environmental approaches. Sport management in peripheral areas and the developmental and organizational elements of sport tourism will be examined.
 * Note: This is an online course. Normally offered the winter semester of even years only. *

KHS 350 3:3-1
Research Methods in Kinesiology and Health Studies
 Focus on various research methods and statistical analysis used in Kinesiology and Health Studies. Emphasis on ability to read and understand published research.
 *** Prerequisite: Completion of 60 credit hours and one of SOST 201, STAT 100 or STAT 160. ***
 * Note: Normally offered in the fall semester only. *

KHS 370 3:3-0
Social Psychology of Health and Exercise
 To provide exposure to various social psychological theories and models designed specifically in an attempt to understand health and exercise behaviours.
 *** Prerequisite: KHS 150 ***
 * Note: Normally offered in fall semester only. *

KHS 371 3:3-1.5
Care and Prevention of Athletic Injuries
 An examination of the causes, symptoms, and appropriate treatment of athletic injuries and an opportunity to practice taping and other techniques used in the treatment and prevention of such injuries.
 *** Prerequisite: KHS 168 ***
 * Note: Normally offered in winter semester of even years only. *

KHS 372 3:3-1.5
Fitness Appraisal and Exercise Leadership
 The scientific basis of physical fitness appraisal and exercise counselling will be examined, as will the administration of standardized tests of fitness and program leadership. Students will have the opportunity to become Certified Personal Trainer.
 *** Prerequisite: KHS 170 and KHS 269 ***
 * Note: Normally offered in fall semester only. *

KHS 373 3:3-1.5
Training and Conditioning
 This course provides an intensive examination of the scientific and methodological theories, techniques, and planning methods utilized in training and conditioning.
 *** Prerequisite: KHS 261 and KHS 269 ***
 * Note: Normally offered in the winter semester of odd years only. *

KHS 383 3:3-0
Sport Psychology
 A study of the psychological theories and concepts used in coaching individual and team sports and the factors related to their implementation. Special emphasis will be given to the theoretical models of anxiety, aggression, and activation.
 *** Prerequisite: KHS 150 ***
 * Note: Normally offered in fall semester of odd years only. *

KHS 387 3:1-2
Wilderness Experience
 This experientially based course enables students to develop proficiencies in camping, canoeing, and orienteering through both theory and practice. Active participation in a one-week field trip in northern Saskatchewan is mandatory for all students.
 * Note: Normally offered in the spring/summer semester of even years only. Materials fee \$65. This course is cross-listed with EOE 339; credit may only be received for one of these courses. *

KHS 390 3:3-0
Interventions in Therapeutic Recreation
 This course examines the therapeutic recreation intervention process with emphasis on the various forms of interventions and strategies used to elicit changes in physical, social, emotional, and cognitive functioning.

*** Prerequisite: KHS 290 ***

* Note: Normally offered in the winter semester of even years only. *

KHS 393 3:3-0

Etiology of Disease and Disability

A study of the nature of disease and changes in body tissues and organs that cause or are caused by disabilities. An examination of characteristics and capabilities of persons with disabling diseases.

*** Prerequisite: KHS 190 and KHS 268 ***

* Note: Normally offered in the fall semester of even years only. *

KHS 394 3:3-0

Developmental Disabilities

A study of the characteristics and capabilities of persons with developmental disabilities, including the practical application of the adaptations necessary for their involvement in physical activity and recreation.

*** Prerequisite: KHS 291 ***

* Note: Normally offered in the winter semester only. *

KHS 395 3:3-0

Physical Disabilities

A study of the characteristics of persons with physical, sensory, and multiple disabilities, including the practical application of adaptations necessary in physical activity and recreation.

*** Prerequisite: KHS 291 ***

* Note: Normally offered in the winter semester only. *

KHS 400 3-15:0-15

Fieldwork

Students will be given the opportunity to apply their knowledge in a specific professional role related to their major. The work experience will be undertaken by the student under supervision of a cooperating professional and the fieldwork coordinator.

*** Prerequisite: KHS 300, completion of 75 credit hours within the program; completion of 18 of 27 credit hours within KHS major courses; a minimum 60% PGPA; and, a minimum 65% major GPA. ***

** Permission from the Faculty is required to register. **

KHS 401 3-6:0-6

Honours Practicum

Students will take part in an unpaid 13 week part-time placement (work 9-18 hours per week on a particular project) developed in consultation with the Honours program supervisor(s). May be divided over two semesters.

* Note: Restricted to BKin (Hon) students only. *

KHS 442 3:3-0

Outdoor Recreation Resource Management

Historical antecedents and current issues and practices in the use and management of parks, forests, wilderness areas, and other North American outdoor resources for recreation activity.

*** Prerequisite: KHS 243 ***

* Note: Normally offered in the winter of odd years only. Material fee of \$100.00 and mandatory trip during February break. *

KHS 443 3:3-0

Commercial Recreation and Sport Organizations

An investigation of commercial recreation, sport organizations, and facilities including their philosophy, history, and personnel requirements.

*** Prerequisite: KHS 243 ***

* Note: Normally offered in the winter semester of even years only. *

KHS 445 3:3-0

Recreation and Sport Marketing

An introduction to analysis of the consumer as a basis for marketing in sport and recreation.

*** Prerequisite: KHS 243 and BUS 210 ***

* Note: Normally offered in the winter semester only. *

KHS 446 3:3-0

Sponsorship and Financing of Recreation and Sport

Focus on the various means of funding sport and recreation operations.

*** Prerequisite: KHS 243 ***

* Note: Normally offered in the fall semester only. *

KHS 451 3:3-0

Applied Philosophy in Kinesiology and Health

Application of philosophical theories and concepts to kinesiology and health concepts.

*** Prerequisite: Completion of 75 credit hours. ***

* Note: Normally offered in the winter semester only. *

KHS 470 3:3-0

Nutrition in Exercise and Sport

This course examines the basic principles of nutrition, including Recommended Nutrient Intakes, macro and micro nutrients and the important role that nutrition plays in sport, recreation, and athletic performance. The role of diet in overall disease prevention and health promotion will also be examined.

*** Prerequisite: KHS 170 and KHS 269 ***

* Note: Normally offered in the winter semester only. *

KHS 472 3:3-1.5

Advanced Topics in Exercise Physiology

This course examines current methods of appraising performance and prescribing exercise in diverse population ranging from the general population to athletes and individuals involved with physically demanding occupations.

*** Prerequisite: KHS 261 and KHS 372 ***

* Note: Normally offered in the winter semester only. *

KHS 475 3:3-1.5

Clinical Exercise Physiology

An examination of the benefits of physical activity in symptomatic populations including cardiac, diabetic, obese and cancer patients.

*** Prerequisite: KHS 472 ***

* Note: Normally offered in the fall semester of even years only. *

KHS 476 3:3-0

Health and Wellness Promotion

An examination of the benefits and methods of promoting a physically active lifestyle. Workplace wellness programs will be investigated.

*** Prerequisite: KHS 170 ***

* Note: Normally offered in the fall semester of odd years only. *

KHS 485 3:3-3

Independent Study - an AA-ZZ series.

An opportunity for senior students to pursue an in-depth independent study of a topic related to physical activity. The study is to be supervised by an approved faculty member.

*** Prerequisite: Minimum of 70.00% PGPA or permission of the Associate Dean or designate. ***

KHS 486 3:3-1

Gender in Sport and Physical Activity

This course examines the relationship between gender, physical activity, and sport. Emphasis will be placed on social, cultural, and organizational influences that affect men's and women's involvement in sport and physical activity.

*** Prerequisite: Completion of 60 credit hours. ***

* Note: Offered in fall semester of even years only. Students may only receive credit for one of KHS 486 and KHS 286. *

KHS 487 0:0-1

Honours Seminar

A weekly seminar devoted to discussion of special issues in Kinesiology and Health Studies, to reports of research proposals and/or thesis, and to the presentation of papers by students and/or faculty.

* Note: Restricted to BKin (Hon) students. Must be taken in each fall/winter semester when enrolled as an Honours student. *

KHS 488 3:3-3

Seminar in Research Design

Students will learn the foundations for qualitative and quantitative research, and how to present and disseminate information.

*** Prerequisite: KHS 350 with a minimum grade of 70% or permission of the Associate Dean or designate. ***

* Note: Normally offered in the winter semester. *

KHS 489AA 3:0-3

Honours Proposal

Supervised directed study and research leading to the development of a formal undergraduate thesis proposal for work to be conducted in KHS 489AB (Honours Thesis).

*** Prerequisite: KHS 488 (concurrent enrolment allowed) or permission of the Associate Dean or designate. ***

KHS 489AB 3:0-3

Honours Thesis

A thesis based on research previously proposed in KHS 489AA (Honours Proposal). Formal approval of the research topic is given by

attaining a minimum grade of 70% in KHS 489AA (Honours Proposal).
The thesis will be presented orally in an open forum.
*** Prerequisite: KHS 489AA ***

KHS 496 3:3-0

Exercise for Special Populations

An overview of exercise considerations for individuals with special needs. Emphasis will focus on persons with physical, orthopaedic, and neurological impairments.

*** Prerequisite: KHS 190 and KHS 372 ***

* Note: Normally offered in the fall of odd years only. *

KHS 497 3:3-0

Adapted Physical Activity Senior Seminar

A critical examination of historical and contemporary trends and assumptions besetting activity for persons with disabilities.

*** Prerequisite: Completion of 75 credit hours which includes KHS 291 and KHS 394 or KHS 395. ***

* Note: Normally offered in fall semester only. *

KOR	Korean
Faculty of Arts	Department of International Languages

KOR 100 3:3-1

Introductory Korean 1

This course is designed to give students a basic knowledge of the Korean language. At first, students will learn the writing system and pronunciation of Hang'ul. Grammar, vocabulary and expressions needed for everyday conversations and for reading and writing short texts will then be introduced.

*** Prerequisite: No previous background in Korean. ***

KOR 101 3:3-1

Introductory Korean 2

A continuation of KOR 100.

*** Prerequisite: KOR 100 or permission of Department ***

KOR 200 3:3-1

Intermediate Korean 1

The objective of this course is to build on the knowledge gained in Korean 100 and 101. This course aims to focus on strengthening communication skills in informal/formal/honorific speech styles with more complex patterns and structures.

*** Prerequisite: KOR 101 ***

LANG	Language
Faculty of Arts	Department of International Languages

LANG 001 0:2-0

Proficiency Examination - an AA-ZZ series.

Those who wish to satisfy the language requirement for the BA degree by taking a proficiency examination in a language other than English will register in this course. A two-hour written examination will be held once each semester. No credit hours are given for the examination. Graded on a pass/fail basis. Fee: 40% of a regular course fee (non-refundable).

** Permission of the Department of International Languages is required to register. **

LANG 190 - an AA – ZZ series 3:3-3

Language Courses

These courses will be developed to give students an introduction to and basic knowledge of a specific language.

LAS	Latin American Studies
Faculty of Arts	International Studies Program

LAS 200 3:3-3

Introduction to Latin American Studies

An overview of Latin America from the 15th century to the present and of the social, political, and cultural institutions of Spain and Portugal in America. Emphasis on the demographic trends, regional diversity, and cultural centres that have created the Latin America of today.

*** Prerequisite: Completion of 15 credit hours ***

LAS 400 3:3-3

Capstone Course in Latin American Studies

An advanced seminar examining major issues in Latin American Studies that transcend national boundaries. Although specific topics will vary, each will address broad questions of a diachronic nature, thereby, consolidating an interdisciplinary understanding of the material covered in the program.

** Permission of the Coordinator is required to register. **

LAS 490 3:3-3

Special Topics in Latin American Studies - an AA-ZZ series.

Current interest and occasional offerings.

** Permission of the Coordinator is required to register. **

LG	Local Government Authority
Centre for Continuing Education	

LG 014 1.5:0-3

Introduction to Local Government Authority

An introduction to the political, social, and economic roles of local government authorities. Historical developments, current theories and common practices are introduced to contextualize the roles, realities and challenges of local government authorities.

LG 015 1.5:0-3

Local Government Legislation and Statute Law

An introduction to Saskatchewan legislation relevant to municipal government processes, procedures, and authority. Topics include case law, statute law, contracts, preparation and interpretation of bylaws, interpretation of statutes, and detailed study of Government of Saskatchewan Acts governing rural, urban, and Northern municipalities.

LG 024 1.5:0-3

Basic Accounting Practices

This course provides an introduction to fundamental accounting theories, principles, and procedures. Topics covered include the study of the accounting cycle, journal ledger, adjusting entries, preparation of income statements and balance sheets, merchandising firms, cash control, accounts receivable, and inventory valuation and depreciation.

LG 025 1.5:0-3

Local Government Accounting

An examination of the history, purposes and principles of local government accounting, budgeting, audits, assessment and taxation. Emphasis is placed on Urban and Rural Municipalities and School Division accounting.

*** Prerequisite: LG 024 ***

LING	Linguistics
Faculty of Arts	Department of Indian Languages, Literatures and Linguistics – First Nations University of Canada

LING 100 3:3-0

Introductory Linguistics

An introduction to the main subdisciplines of linguistic inquiry: phonetics (speech sounds), phonology (sound patterns), morphology (word structure), syntax (sentence structure) and semantics (meaning).

* Note: Students who have completed LING 200, ENGL 260 or FR 226 are not permitted to enrol in this course. *

LING 175 3:3-0

Survey of American Indian Languages

Introduction to basic concepts of linguistics, with examples from Indian languages. Speech sounds, word structure, sentence patterns, meaning patterns. Comparative linguistics and Indian language families of Canada and beyond.

LING 200 3:3-0

General Linguistics

Concepts in the study of language, with emphasis on speech sounds, sound patterns, word formation, sentence structure, and meaning.

*** Prerequisite: ENGL 100 and 30 credit hours, or a course in a language other than English, or LING 100 or LING 175 ***
 * Note: Students who have successfully completed ENGL 260 or FR 226 are not permitted to enrol in this course for credit. *

LING 210 3:3-0

Phonetics & Phonology

The identification and production of speech sounds. Phonetic transcription. Study of the sound patterns of various languages.

*** Prerequisite: One of LING 100, LING 200, CREE 206, ENGL 260, FR 226, NAK 206 or SAUL 206 ***

LING 211 3:3-0

Morphology

Word formation in languages, grammatical categories and morphological typologies. Inflectional and derivational categories. Morphology in selected theoretical frameworks.

*** Prerequisite: One of LING 100, LING 200, CREE 206, ENGL 260, FR 226, NAK 206 or SAUL 206 ***

LING 212 3:3-0

Semantics

The study of meaning in language. Morpheme and word meaning, text meaning. Semantic components, domains/fields, and roles. Predictable variants of meaning, contexts, dictionaries, metaphors, cognition, Pragmatics, logic.

*** Prerequisite: One of LING 100, LING 200, CREE 206, ENGL 260, FR 226, NAK 206 or SAUL 206 ***

LING 213 3:3-0

Syntax

An introduction to grammatical analysis and syntactic variation cross-linguistically. Application to the analysis of grammatical structure of various languages.

*** Prerequisite: One of LING 100, LING 200, CREE 206, ENGL 260, FR 226, NAK 206 or SAUL 206 ***

LING 220 3:3-0

Interdisciplinary Linguistics

Basic introduction to historical linguistics, language acquisition, writing systems, sociolinguistics, psycholinguistics, and other interdisciplinary areas of language study.

*** Prerequisite: One of LING 100, LING 200, CREE 206, ENGL 260, FR 226, NAK 206 or SAUL 206 ***

LING 320 3:3-0

Historical Linguistics

Investigation of the ways in which languages change over time. Reconstruction of the older stages of a language through comparison with related languages. Reconstruction of the common ancestor language of related languages.

*** Prerequisite: LING 210 and 211, and one of CLAS 110, LING 212, LING 213, or LING 220 ***

LING 327 3:3-0

Evaluation of Language Learning Processes

The cognitive and social aspects of second language mastery, and the processes of bilingual/bicultural development. Strategies for enhancing second language learning and acquisition with particular reference to First Nations languages.

*** Prerequisite: LING 220 or an introductory course in the teaching of English or French as a second language ***

LING 360 3:3-3

Applied Linguistics

An introduction to the use of Linguistics in the teaching and learning of First Nations languages. A survey of topics including communication and structure, cross-linguistic influence, teaching pronunciation, morphology, syntax and semantics, applications to orthography and literacy, etc.

*** Prerequisite: One of CREE 206, NAK 206, SAUL 206, or LING 100, and two 300-level CREE or SAUL courses or two 200-level LING courses. ***

LING 380 3:3-0

Research Methods of Linguistics

Field methods and interview techniques. Library and archival research. Introspection in linguistic research. Formulation of alternative hypotheses and use of argumentation in choosing among them. Ethics of research. Scientific method.

*** Prerequisite: LING 210 and LING 211 ***

LING 410 3:3-0

Seminar in Phonology

Consolidation of expertise in phonetic transcription, production, and phonological analysis. Common phonological processes. Contemporary phonological theory. Abstractness, naturalness, rule ordering, and rule interaction.

*** Prerequisite: One of LING 210, CREE 310, or SAUL 310 ***

LING 411 3:3-0

Seminar in Morphology

Morphological processes and structures. Complex systems. Evolution of morphological categories and language universals. Morphology in selected theories.

*** Prerequisite: One of LING 211, CREE 311, or SAUL 311 ***

LING 412 3:3-0

Seminar in Semantics

Semantic processes and structures. Semantic theories. Application of semantics in language acquisition and teaching. Diachronic semantics.

*** Prerequisite: One of LING 212, CREE 312, or SAUL 312 ***

LING 413 3:3-0

Seminar in Syntax

Contemporary syntactic theory. An examination of competing frameworks for syntactic analysis: relational grammar, transformational grammar, typological approaches. Natural syntax.

*** Prerequisite: One of LING 213, CREE 313, or SAUL 313 ***

LING 485 - 489 3:3-0

Structure of a Selected Language - an AA-ZZ series.

The major grammatical structures of a selected language or language family in typological, areal, and genetic contexts. Contributions to current issues in theoretical linguistics.

** Permission of the Coordinator of Linguistics or Head, Department of Indian Languages, Literatures, and Linguistics is required to register. **

LING 490 - 495 3:3-0

Directed Individual Research in Linguistics - an AA-ZZ series.

Courses designed as required for senior undergraduates.

*** Prerequisite: One of LING 410, LING 411, LING 412, or LING 413 ***

** Permission of the Coordinator of Linguistics or Head, Department of Indian Languages, Literatures, and Linguistics is required to register. **

LING 496 - 499 3:3-0

Topics in Descriptive, Theoretical, or Applied Linguistics - an AA-ZZ series.

Courses designed as required for groups of senior undergraduates.

** Permission of the Coordinator of Linguistics or Head, Department of Indian Languages, Literatures, and Linguistics is required to register. **

MATH	Mathematics
Faculty of Science	Department of Mathematics and Statistics

MATH 051 - 054 0:0-0

Mathematics Co-op Work Term

Four-month co-op work term approved by the department and arranged by the co-op co-ordinator.

MATH 101 3:3-3

Introductory Finite Mathematics I

This is an introductory course intended to familiarize the students with the basic concepts of arithmetic, number theory, set theory, symbolic logic, and finite mathematics. Topics include logic, sets, numeration systems, arithmetic in non-decimal systems, system of integers, elementary number theory and modular arithmetic. There will be a strong emphasis on critical thinking, problem solving, understanding concepts and their applications.

*** Prerequisite: Mathematics A30 ***

* Note: Students who have received credit for any mathematical course (other than MATH 108) cannot take this class for credit, unless it is explicitly required in their program or they have received consent from the Head of the Department of Mathematics and Statistics. Web delivered class sections may be subject to an additional \$50.00 material fee. *

MATH 103 **3:3-0**
Calculus for the Social & Management Sciences
 Differentiation of algebraic, exponential, and logarithmic functions. Optimization, curve sketching, and integration by substitution.
 *** Prerequisite: Mathematics B30 with a grade of at least 65% ***
 * Note: This is a terminal course in calculus. Students who wish to take further calculus courses should initially take MATH 105 or 110. Students can only receive credit for one of MATH 103, 105 and 110. *

MATH 104 **3:3-0**
Calculus IA
 This course carries no credit. MATH 104 together with MATH 105 cover the same material as is covered in MATH 103 and 110, supplemented by a brief review of necessary topics from high school algebra and geo-trig.
 *** Prerequisite: Mathematics B30 and C30 ***
 * Note: This is a course for students who wish to take MATH 110 or MATH 103 but do not have the prerequisites, or want a slower introduction to calculus. To receive credit for MATH 105 a student must register in the same numbered sections of MATH 104 and 105 in consecutive semesters. *

MATH 105 **3:3-0**
Calculus IB
 This course is a continuation of MATH 104. Together with MATH 104 topics include a review of high school algebra and trigonometry, and all the topics covered in MATH 103 and MATH 110.
 *** Prerequisite: MATH 104 in the previous semester. ***
 * Note: MATH 105 is intended to satisfy any MATH 103 or 110 requirement. Students can receive credit for only one of MATH 103, 105, and 110. *

MATH 108 **3:3-0**
Mathematical Problems, Ideas and Personalities
 This course explores some of the most significant and enduring ideas in mathematics: the great theorems, discoveries of beauty and insight that stand today as monuments to the human intellect.
 *** Prerequisite: Mathematics A30 or permission of the Department Head ***
 * Note: This course is designed mainly for students in arts or education who wish some exposure to mathematical ideas. It satisfies the critical thinking requirement in the Faculty of Arts. *

MATH 110 **3:3-1**
Calculus I
 An introductory class in the theory and techniques of differentiation and integration of algebraic and trigonometric functions. Topics include limits, optimization, curve sketching, and areas.
 *** Prerequisite: Mathematics B30 and C30 with a grade of at least 65% in each. It is strongly recommended that students with less than 80% in Mathematics B30 and C30 register in MATH 104. ***
 * Note: Students can receive credit for only one of MATH 103, 105, and 110. *

MATH 111 **3:3-1**
Calculus II
 Differentiation and integration of exponential and logarithmic functions. Methods of integration and applications. Indeterminate forms, L'Hospital's rule and improper integrals. First order differential equations: separable equations, linear equations, exact equations, modeling, and applications. Taylor Series.
 *** Prerequisite: A grade of at least 60% in either MATH 105 or 110. ***

MATH 122 **3:3-0**
Linear Algebra I
 A course intended to introduce students to elementary linear algebra, particularly at a computational and applied level. Topics include matrices and systems of equations, inversion, determinants, vectors, inner products, eigenvectors and eigenvalues.
 *** Prerequisite: Mathematics B30 with a grade of at least 70% or successful completion of a university level mathematics or statistics course with a grade of at least 60%. ***

MATH 124 **3:3-0**
The Art and Science of Secret Writing
 The course examines methods of message encryption and cryptanalysis. Attention will be given to the history of cryptology and the public-policy questions raised by its use in conjunction with the Internet. However, the focus will be on the mathematical tools needed to develop and analyze encryption algorithms.
 *** Prerequisites: Mathematics B30 ***

MATH 127 **3:3-0**
Introductory Finite Mathematics II
 This course is a continuation of MATH 101. Topics include elementary linear programming, an introduction to matrices, counting methods - permutations and combinations, probability, statistics, and consumer mathematics - interest calculations, annuities and amortizations. Students who have already received credit for any university mathematics or statistics course numbered 111 or above cannot take MATH 127 for credit, unless it is explicitly required in their program or they have received consent from the head of the Department of Mathematics and Statistics.
 *** Prerequisite: Mathematics B30 or MATH 101 with a grade of at least 60% ***
 * Note: Mathematics 127 is not algebra, nor pre-calculus, nor calculus. It satisfies the critical thinking requirement in the Faculty of Arts. *

MATH 213 **3:3-0**
Vector Calculus
 A study of vector functions and functions of several variables and their derivatives. Applied maximum and minimum problems, Lagrange multipliers, multiple integration, integration in polar, cylindrical and spherical coordinates. Green's, Stokes' and the Divergence Theorem.
 *** Prerequisite: MATH 111 and 122 with a grade of at least 60% ***
 * Note: This course is designed for engineering and science students. Students cannot receive credit for this course if they have received credit for MATH 214. *

MATH 217 **3:3-0**
Differential Equations and Series
 Second and higher order ordinary differential equations, their solutions and applications. Systems of differential equations. Laplace transforms. Infinite series, convergence tests, Fourier series, and series solutions to differential equations.
 *** Prerequisite: MATH 111 and MATH 122 with minimum grades of 60% ***

MATH 221 **3:3-0**
Introduction to Proofs and Problem Solving
 An introductory course intended to familiarize students with mathematical reasoning and proof techniques, including direct reasoning, indirect reasoning, and mathematical induction. Topics include elementary number theory, logic, sets, functions, and relations.
 *** Prerequisite: Mathematics B30 with a grade of at least 80% and Math C30 with a minimum grade of 80% or a university mathematics course with a grade of at least 60%. ***

MATH 222 **3:3-0**
Linear Algebra II
 A second course in linear algebra. There will be some emphasis on proofs. Topics include matrices, abstract vector spaces, subspaces, bases, inner product spaces, linear transformations, matrix factorizations, symmetric matrices, quadratic forms, and applications of linear algebra.
 *** Prerequisite: MATH 103 or 110, and MATH 122 with grades of at least 60% ***

MATH 223 **3:3-0**
Introduction to Abstract Algebra
 An introductory course in abstract algebra. Topics include number systems and an introduction to groups, and some other mathematical structures.
 *** Prerequisite: One of MATH 110 or 122, and MATH 221 with grades of at least 60% ***

MATH 231 **3:3-0**
Euclidean Geometry
 This course is intended to familiarize the student with Euclidean geometry. Topics include the postulates and theorems of both classical and modern Euclidean geometry.
 *** Prerequisite: Two university mathematics courses. ***
 * Note: This course is designed for students without a strong background in Euclidean geometry. Students with a mark of at least 70% in Mathematics C30 should register in MATH 232. *

MATH 232 **3:3-0**
Non Euclidean Geometry
 This course gives an explanation of the nature and foundations of geometry and uses for this purpose the system of non-Euclidean geometry. It outlines the concept of mathematical models and the historical and logical significance of the parallel postulate.
 *** Prerequisite: Two university mathematics courses and either 70% in Mathematics C30 or 60% in MATH 131. ***

MATH 261 Methods of Numerical Analysis Number systems and errors, solutions of polynomial and other nonlinear equations, interpolation, numerical differentiation and integration, the cubic spline. *** Prerequisite: MATH 111, MATH 122, and CS 110 with grades of at least 60% *** * Note: Students will receive credit for only one of CS 261, CS 345 or MATH 261. *	3:3-0	MATH 329 Linear Optimization A course in the theory and techniques of linear programming. Convexity and extreme points of polyhedral sets, the simplex method, duality and selected applications will be covered. *** Prerequisite: One of MATH 103, 105, or 110, and either MATH 222, or 122 and 221, with grades of at least 60% or permission of the instructor. ***	3:3-0
MATH 300 Introduction to Set Theory Sets, relations, and operations on them. Natural numbers. Finite and infinite sets, ordinals and cardinals. Recursion theorems. Arithmetic of cardinals and ordinals. A brief introduction to set-theoretic topology. Construction of the real numbers and basic properties. *** Prerequisite: MATH 221 and two other university Mathematics courses with grades of at least 60%. ***	3:3-0	MATH 331 Projective Geometry This course provides an introduction to plane projective geometry, both synthetic and analytic. *** Prerequisite: Three university level mathematics courses with grades of at least 60%. ***	3:3-0
MATH 301 Introduction to Mathematical Logic Propositional and first-order predicate logic from a mathematical viewpoint. Axiomatically built theories and their models. Detailed study of one or more simple mathematical theories. Recursive functions. Basic ideas of automated theorem proving. *** Prerequisite: MATH 221 and 223 with grades of at least 60% ***	3:3-0	MATH 332 Topics in Geometry This course explores the relationship of geometry to other fields of mathematics (such as logic and algebra), or to computer science. *** Prerequisite: MATH 122 with a grade of at least 60% and at least 70% in high school geometry or at least 60% in MATH 131. ***	3:3-0
MATH 305 Introductory Mathematical Analysis Sequences, limits and continuity for functions on the real line, differentiation, and Riemann integration. *** Prerequisite: MATH 221 and 213 with grades of at least 60% ***	3:3-0	MATH 361 Numerical Analysis I Least squares and other approximations. Difference equations. Solutions of algebraic systems. Symbol manipulators-Mathematica. *** Prerequisite: MATH 213 and MATH 261 with grades of at least 60%. ***	3:3-0
MATH 308 Topics in the History of Mathematics A survey of the history of Mathematics exploring the biographies, philosophies and techniques of great mathematicians. The course is directed specifically at Mathematics majors and Secondary Math Education students. *** Prerequisite: MATH 111, 122, and 221 with grades of at least 60% ***	3:3-0	MATH 381 Differential Equations II Existence and uniqueness of solutions, non-linear equations, equations of hypergeometric types, separation of variables, orthogonal sets of functions, Fourier series, boundary value problems, transform techniques. *** Prerequisite: MATH 217 with a minimum grade of 60% ***	3:3-0
MATH 311 Real Analysis I Construction of the real numbers, structure of metric spaces, continuous functions on metric spaces, review of differentiation and integration, sequences and series of functions. *** Prerequisite: MATH 305 with a grade of at least 60% ***	3:3-0	MATH 382 Ordinary Differential Equations Existence and uniqueness of solutions, linear systems, non-linear equations, stability, Liapunov's method, applications. *** Prerequisite: MATH 217 with a minimum grade of 60% ***	3:3-0
MATH 312 Complex Analysis I Complex numbers, analytic functions, contour integration, Cauchy's theorem, infinite series, calculus of residues, basic theory of conformal mappings. *** Prerequisite: MATH 213 with a grade of at least 60% ***	3:3-0	MATH 383 Special Functions The Gamma and Beta functions, asymptotic series, the hypergeometric functions, Bessel functions, orthogonal polynomials. *** Prerequisite: MATH 217 with a minimum grade of 60% ***	3:3-0
MATH 321 Number Theory I This is an introductory course in number theory. Topics include divisibility, primes, congruences, number theoretic functions, and diophantine equations. *** Prerequisite: MATH 221 and two other university mathematics courses with grades of at least 60%. ***	3:3-0	MATH 395 - 399 Directed Reading in Mathematics - an AA-ZZ series. Prior to the registration of the student(s) the instructor must present to the department head a detailed outline of the material to be covered, the method of delivery, and the method of evaluation.	1-3:3-0
MATH 322 Matrix Theory Topics include: positive definiteness, Jordan canonical form, nonnegative matrices, and applications in matrix analysis. *** Prerequisite: MATH 222 with a grade of at least 60% ***	3:3-0	MATH 401 Matrix Groups An introduction to Lie group theory through study of the classical groups. *** Prerequisite: MATH 305 and 322 ***	3:3-0
MATH 323 Modern Algebra I A first course in abstract algebra dealing with groups, rings, unique factorization domains and fields. *** Prerequisite: MATH 221 and two other university mathematics courses with grades of at least 60%. ***	3:3-0	MATH 411 Real Analysis II Measurable functions, Lebesgue integrals, Lp spaces, modes of convergence, signed measures, Radon-Nikodym Theorem. *** Prerequisite: MATH 311 with a grade of at least 60% ***	3:3-0
MATH 327 Introductory Combinatorics This is an introductory course in combinatorics. Topics include permutations and combinations, inclusion and exclusion, generating functions, and a brief introduction to graph theory. *** Prerequisite: MATH 221 and 111 with grades of at least 60% ***	3:3-0	MATH 412 Complex Analysis II This is a continuation of MATH 312. Topics include conformal mappings, argument principle, Rouché's theorem, harmonic functions, Riemann Mapping Theorem, infinite products, asymptotic expansions. *** Prerequisite: MATH 312 with a grade of at least 60% ***	3:3-0
		MATH 421 Number Theory II This course is a second course in number theory. Topics include quadratic reciprocity, arithmetic functions, distribution of primes, and the prime number theorem. *** Prerequisite: MATH 321, 305, and 312 with grades of at least 60% ***	3:3-0

MATH 422 **Abstract Linear Algebra** **3:3-0**
 A course which presents linear algebra in a theoretical setting. Topics include vector spaces, dual spaces, linear transformations, Jordan canonical form, the spectral theorem, and selected topics.
 *** Prerequisite: MATH 222 and 323 with grades of at least 60% or MATH 222 and permission of the instructor. ***

MATH 423 **Modern Algebra II** **3:3-0**
 Continuation of Modern Algebra I with further study of rings, groups and fields.
 *** Prerequisite: MATH 323 with a grade of at least 60% ***

MATH 424 **Applied Algebra** **3:3-0**
 This is a course in applications of algebra to a selection of topics concerning enumeration, coding, finite state machines and cryptography.
 *** Prerequisite: MATH 223 or 323 with a grade of at least 60% ***

MATH 427 **Graph Theory** **3:3-0**
 This is the first in-depth course in graph theory. Topics included are connectivity, Euler tours and Hamiltonian cycles, matchings, colouring problems, planarity and network flows. Stress is placed wherever possible on constructive methods of proof.
 *** Prerequisite: MATH 327, or 329, or CS 310, with a grade of at least 60% or permission of Department Head ***

MATH 429 **Nonlinear Optimization** **3:3-0**
 This is a course designed mainly for students in mathematics, computer science, and business. It is a sequel to MATH 329.
 *** Prerequisite: MATH 329 and 213 with grades of at least 60% ***

MATH 431 **Differential Geometry I** **3:3-0**
 Differential invariants of curves and surfaces in Euclidean three-space.
 *** Prerequisite: MATH 217 with a minimum grade of 60% ***

MATH 432 **Differential Geometry II** **3:3-0**
 Continuation of topics covered in Differential Geometry I.
 *** Prerequisite: MATH 431 with a minimum grade of 60% ***

MATH 441 **General Topology** **3:3-0**
 An introduction to point set topology including separation axioms, compactness, connectedness, continuous functions and metric spaces.
 *** Prerequisite: MATH 311 with a minimum grade of 60% ***

MATH 461 **Numerical Analysis II** **3:3-0**
 Numerical solutions of ordinary differential equations. Numerical solutions of partial differential equations. Linear and non-linear problems.
 *** Prerequisite: MATH 361 with a minimum grade of 60% ***

MATH 481 **Partial Differential Equations** **3:3-0**
 Classification and basic properties of equations, separation of variables, Fourier series, Sturm-Liouville theory, Fourier and Laplace transforms.
 *** Prerequisite: MATH 381 with a minimum grade of 60% ***

MATH 482 **Laplace Transforms** **3:3-0**
 Properties of the Laplace Transform. Convolutions. The inversion integral. Applications to solutions of differential equations.
 *** Prerequisite: MATH 217 and 312 with minimum grades of 60% ***

MATH 483 **Fourier Series and Orthogonal Functions** **3:3-0**
 Weierstrass Approximation Theorems; mean-square approximation, summability and convergence theorems. Gibbs' phenomenon, applications.
 *** Prerequisite: MATH 305 and 383 with minimum grades of 60% ***

MATH 484 **Calculus of Variations** **3:3-0**
 The brachistochrone, the Euler-Lagrange equations, Hamilton's Principles, isoperimetric problems and min-max problems.
 *** Prerequisite: MATH 305 and 481 with minimum grades of 60% ***

MATH 485 **Introduction to Functional Analysis** **3:3-0**
 Metric, normed linear and inner-product spaces, linear operators and fixed point theorems. Spectral decompositions the Stone-Weierstrass theorem, applications.
 *** Prerequisite: MATH 305 and 312 with grades of at least 60% ***

MATH 486 **Applied Analysis I** **3:3-0**
 Topics include vector integral theorems, differential equations, Fourier series, Laplace transforms and functions of a complex variable.
 *** Prerequisite: MATH 212 and 213 with minimum grades of 60% ***
 * Note: This course is intended for beginning graduate students in engineering. It is open to mathematics students with permission of the Department Head. *

MATH 490AA **Combinatorics** **3:3-3**
 This will be a course in algebraic graph theory. Topics will include eigenvalues of graphs (this includes finding the eigenvalues of a graph and using the eigenvalues to determine properties of the graph), homomorphisms of graphs (this will include different types of colourings of graphs and determining the core of a graph) and some results from extremal set theory, particularly the Erdos-Ko-Rado theorem, that can be proven using algebraic graph theory.
 *** Prerequisite: MATH 327 ***

MATH 495 - 496 **Directed Reading in Mathematics - an AA-ZZ series.** **1-3:3-0**
 Prior to the registration of the student(s), the instructor must present to the department head a detailed outline of the material to be covered, the method of delivery, and the method of evaluation.
 ** Permission of the Department Head is required to register. **

MATH 497 **Honours Seminar I** **0:1-0**
 This is the first of two honours seminars. This course must be taken by all honours students in their fourth year. Students are required to attend all seminars and to present a seminar on a topic determined in consultation with the Department Head.
 * Note: This seminar is restricted to honours standing students in mathematics. *

MATH 498 **Honours Seminar II** **0:1-0**
 This is the second of two honours seminars. This course must be taken by all honours students in their fourth year. Students are required to attend all seminars and to present a seminar on a topic determined in consultation with the Department Head.
 * Note: This seminar is for honours standing students in mathematics. *

MU	Music
Faculty of Fine Arts	Department of Music

MU 100 **Introduction to Music** **3:3-0**
 Intended for students with minimal prior musical knowledge, this survey course addresses a wide range of topics in the history, literature, aesthetics and notation of music, with emphasis on developing critical listening skills.
 * Note: Not available for credit in BMus, BMusEd, or BA (Music) programs. *

MU 110 **Jazz Appreciation** **3:3-0**
 The origins of jazz and study of its various styles.
 * Note: Not available for credit in BMusEd program. *

MU 121 **Ear Training I** **3:3-0**
 Study of sight-singing, and melodic and rhythmic dictation. Limited to students majoring in Music, Music Education, and Arts Education.
 ** An entrance test in music theory is required to register. **

MU 122 Ear Training II A continuation of MU 121. *** Prerequisite: MU 121 ***	3:3-0	MU 210 History of Ancient, Medieval, and Renaissance Period Not offered every year. Styles and trends of the ancient, medieval, and renaissance periods. *** Prerequisite: MU 203 or permission of Department Head ***	3:3-0
MU 181 Functional Piano Techniques I The development of keyboard proficiency. * Restricted to students in BMus, BMusEd, BEd Arts Education (music major and minor), BEd Secondary Education (music major and minor), and BA with a major in music. *	1.5-2:0-2	MU 211 History of Baroque Period Not offered every year. Styles and trends of the baroque period. *** Prerequisite: MU 203 or permission of Department Head ***	3:3-0
MU 182 Functional Piano Techniques II More advanced work in piano, continuing the work of MU 181. *** Prerequisite: MU 181 or permission of Department Head *** * Restricted to students in BMus, BMusEd, BEd Arts Education (music major and minor), BEd Secondary Education (music major and minor), and BA with a major in music. *	1.5-2:0-2	MU 212 History of Classic Period Not offered every year. Styles and trends of the classic period. *** Prerequisite: MU 202 or permission of Department Head ***	3:3-0
MU 183 Vocal Techniques A course in which students will learn the basic technique for proper voice production, and how to teach this technique in the classroom. Focus will be on free or open tone, good tuning and adequate breath management. * Restricted to students in BMus, BMusEd, BEd Arts Education (music major and minor), BEd Secondary Education (music major and minor), BA with a major in music and BFA with a major in Acting. * * Note: Not available for credit in BMus performance program with Voice as the applied major. *	1.5-2:0-2	MU 213 History of Romantic Period Not offered every year. Styles and trends of the romantic period. *** Prerequisite: MU 202 or permission of Department Head ***	3:3-0
MU 184 String Techniques Not offered every year. Techniques of all string instruments. * Restricted to students in BMus, BMusEd, BEd Arts Education (music major and minor), BEd Secondary Education (music major and minor), and BA with a major in music. *	1.5-2:0-2	MU 214 History of Contemporary Period Not offered every year. Styles and trends of the contemporary period. *** Prerequisite: MU 202 or permission of Department Head ***	3:3-0
MU 185 Woodwind Techniques Techniques of all woodwind instruments. * Restricted to students in BMus, BMusEd, BEd Arts Education (music major and minor), BEd Secondary Education (music major and minor), and BA with a major in music. *	1.5-2:0-2	MU 215 History of Canadian Music Not offered every year. The history of Canadian music to the present day. *** Prerequisite: MU 202 or permission of Department Head ***	3:3-0
MU 186 Brass Techniques Techniques of all brass instruments. * Restricted to students in BMus, BMusEd, BEd Arts Education (music major and minor), BEd Secondary Education (music major and minor), and BA with a major in music. *	1.5-2:0-2	MU 221 Theory and Analysis of Music I Introductory approaches to creating and analyzing music in the common-practice-period style. ** An entrance test in music theory is required to register. **	3:3-1
MU 187 Percussion Techniques Techniques of all percussion instruments. * Restricted to students in BMus, BMusEd, BEd Arts Education (music major and minor), BEd Secondary Education (music major and minor), and BA with a major in music. *	1.5-2:0-2	MU 222 Theory and Analysis of Music II A continuation of MU 221, progressing to tonicization of V and III, and to analysis of phrase structures. *** Prerequisite: MU 221 ***	3:3-1
MU 188 Jazz Ensemble Techniques Direction of jazz ensembles. Comparison of jazz and classical phrasing. Laboratory consists of participation in a jazz ensemble designated by the instructor. * Restricted to students in BMus, BMusEd, BEd Arts Education (music major and minor), BEd Secondary Education (music major and minor), and BA with a major in music. *	1.5-2:0-2	MU 253 Accompanying Not offered every year. Practical work in accompanying solo literature, sight reading, and transposition. Each student enrolled assumes as a project the accompaniment of another student. ** Permission of the Department Head is required to register. ** * Note: Intended for B.Mus. Piano Performance majors. *	1.5:2-0
MU 202 Music History Survey - Classical to Contemporary A music history survey of selected works, styles, and trends from the classical to contemporary periods. *** Prerequisite: Music reading ability ***	3:3-0	MU 254 Accompanying Not offered every year. A continuation of MU 253. *** Prerequisite: MU 253 *** * Note: Intended for BMus Piano Performance majors. *	1.5:2-0
MU 203 Music History Survey - Antiquity to Baroque A music history survey of selected works, styles, and trends from the antiquity to baroque periods. *** Prerequisite: MU 202 or permission of Department Head ***	3:3-0	MU 270 Language Diction for Singers Not offered every year. An introduction to language diction for singers. The International Phonetic Alphabet will be used to assist singers with the basic language found in the standard singer's repertoire.	1.5:2-0
		MU 281 Opera Workshop Practical work for the singing actor. Presentation of selected items from the repertoire. ** Permission of the Department Head is required to register. **	1.5:2-2
		MU 282 Opera Workshop Continuation of MU 281. *** Prerequisite: MU 281 ***	1.5:2-2
		MU 283 Choral Conducting An introduction to choral conducting and rehearsal techniques. The principles of voice production in choral singing. Participation in a choral group is required.	1.5-3:0-3

MU 284 String Techniques Continuation of MU 184. Students will specialize in one instrument, but not in their major. *** Prerequisite: MU 184 ***	1.5:0-2	MU 323 Counterpoint-18th-Century Not offered every year. Two- and three-part counterpoint in the style of the 18th century composers. Analysis of representative compositions and the composition of original examples for voices and instruments. *** Prerequisite: MU 322 or permission of Department Head ***	3:3-0
MU 285 Woodwind Techniques Not offered every year. Continuation of MU 185. Students will specialize in one instrument, but not in their major. *** Prerequisite: MU 185 ***	1.5:0-2	MU 324 Counterpoint-16th-Century Not offered every year. Contrapuntal techniques as used in the 16th century. Students will compose in the modal style and analyze selected musical examples. *** Prerequisite: MU 122, 203 and 222 ***	3:3-0
MU 286 Brass Techniques Not offered every year. Continuation of MU 186. Students will specialize in one instrument, but not in their major. *** Prerequisite: MU 186 ***	1.5:0-2	MU 325 Analysis Analytical techniques as applied to specific musical forms. *** Prerequisite: MU 321 or permission of Department Head *** * Note: Not offered every year. *	3:3-0
MU 288 Jazz Band Styles and Analysis A continuation of MU 188, including more in-depth study of jazz score analysis and styles. Students will also examine instructor and performances standards with a jazz band. *** Prerequisite: MU 188 or permission of Department Head ***	1.5:2-2	MU 326 Introduction to Computers in Music Not offered every year. Computer techniques used in music such as notation, editing, sound production, and recording. Intended primarily for students in BMus, BMusEd, and BA (Music) programs. * Note: Priority given to Music Composition Majors. Students must have music reading ability. *	3:3-0
MU 308 Applied Music Recital A public recital in the major performance medium. For the student completing recital requirements in the BMus composition, music history, and music theory concentrations and in the BMusEd degree program.	3:0-1	MU 327 Introduction to Electronic Music Not offered every year. Introduction to the techniques of composing with electronic equipment such as Pro Tools, Digital Performer, and Max/MSP. *** Prerequisite: MU 326 and MU 321, or permission of Department Head *** * Note: Priority given to Music Composition majors. *	3:3-0
MU 309 Applied Music Recital A public recital in the major performance medium. For students in the BMus program performance concentration. This recital is given in the third year of study.	3:0-1	MU 332 Vocal Literature Not offered every year. A survey of the solo vocal literature from the Baroque to the 21st Century. ** Permission of the Department Head is required to register. * Note: Intended for BMUS Vocal Performance majors. *	1.5:2-0
MU 313 History of Chamber Music Literature Not offered every year. The origins and development of chamber music. *** Prerequisite: MU 203 or permission of the Department Head ***	3:3-0	MU 333 String Literature Not offered every year. A survey of the solo literature. ** Permission of the Department Head is required to register. **	1.5:2-0
MU 314 History of Instrumental Genres Not offered every year. *** Prerequisite: MU 203 ***	3:3-0	MU 334 String Literature Not offered every year. A continuation of MU 333. *** Prerequisite: MU 333 ***	1.5:2-0
MU 317 Introduction to Composition I Not offered every year. Introduction to the different writing styles in music composition since c. 1900. *** Prerequisite: MU 222 ***	1.5:2-0	MU 340 Instruments of the Orchestra Not offered every year. Study of all orchestral instruments including technical and acoustic approaches, ranges, and writing in idiomatic style. *** Prerequisite: MU 322 or permission of Department Head *** * Note: Students may not receive credit for MU 340 and the former MU 341. *	3:3-0
MU 318 Introduction to Composition II Not offered every year. Continuation of MU 317. *** Prerequisite: MU 317 ***	1.5:2-0	MU 342 Instrumental Conducting Basic technique and its applications. Work with ensembles. *** Prerequisite: MU 322 or permission of Department Head ***	1.5:3:0-3
MU 319 Music Cultures of the World A study of "traditional" and contemporary musics of the world in the context of their cultural settings and significance, with special attention to the impact of today's global culture. *** Prerequisite: completion of 60 credit hours ***	3:3-0	MU 345 Analysis of Music Written Since 1900 Not offered every year. Theory and analysis of selected music written since c. 1900. *** Prerequisite: MU 322 ***	3:3-0
MU 320 Selected Studies in Music Literature - an AA-ZZ series. Not offered every year. Specific topics in music history and literature. For information consult the Music Department.	3:3-0	MU 348 Jazz Improvisation Development of improvisatory skills in the jazz idiom. Students must be performers on jazz-related instruments. ** Permission of the Department Head is required to register. **	3:0-2
MU 321 Theory and Analysis of Music III A continuation of MU 222, including modulation to closely related key areas, chromatic harmony, and analysis of binary and ternary forms. *** Prerequisite: MU 122 and 222 ***	3:3-0		
MU 322 Theory and Analysis of Music IV A continuation of MU 321, including more chromatic harmony, modulation to foreign keys, and an introduction to 20th century music: its melodic, harmonic, rhythmic, and formal procedures. *** Prerequisite: MU 321 ***	3:3-0		

MU 349 Piano Pedagogy Not offered every year. Approaches to the teaching of the repertoire of the piano, surveying materials and methods appropriate to all levels of playing, and including a study of practice techniques. *** Prerequisite: At least 4 semesters of applied music lessons in piano, or permission of Department Head. ***	1.5:2-0	MU 383 Choral Techniques Not offered every year. A continuation of MU 283 with more attention of choral materials. *** Prerequisite: MU 283 ***	1.5:0-2
MU 351 Keyboard Literature Not offered every year. A survey of the performance material for keyboard instruments. ** Permission of the Department Head is required to register. ** * Note: Intended for BMus Piano Performance majors. *	1.5:2-0	MU 390 - 391 Supervised Research in Performance Studies - an AA-ZZ series.	3:3-0
MU 352 Keyboard Literature Not offered every year. Continuation of MU 351. *** Prerequisite: MU 351 *** * Note: Intended for BMus Piano Performance majors. *	1.5:2-0	MU 392 - 393 Directed Studies in Music Theory - an AA-ZZ series.	3:0-3
MU 353 Accompanying Not offered every year. Continuation of MU 254. *** Prerequisite: MU 254 ***	1.5:2-0	MU 394 - 395 Directed Studies in Music History - an AA-ZZ series.	3:0-3
MU 354 Accompanying Not offered every year. Continuation of MU 353. *** Prerequisite: MU 353 ***	1.5:2-0	MU 409 Applied Music Recital A one-hour public recital in the major performance medium. For students in the BMus program concentrating in performance. This recital is to be given in the final year of study.	6:0-1
MU 355 Wind Band Literature Not offered every year. Overview of historical Wind Literature as well as an in-depth study of selected works for Band and Wind Ensemble. *** Prerequisite: MU 222 ***	3:3-0	MU 412 History of Opera Not offered every year. The rise and development of opera from its beginning to the present day. *** Prerequisite: MU 203 or permission of Department Head ***	3:3-0
MU 356 Elementary Orchestration Not offered every year. Study of different styles of orchestration since the Classical Period. *** Prerequisite: MU 340 ***	3:3-0	MU 414 Women and Music Not offered every year. A survey of the works and careers of women composers and of the social contexts in which they worked. Recent work in feminist music criticism will also be discussed. Music reading ability an asset. ** Permission of the Department Head is required to register. ** * Note: Music reading ability an asset. *	3:3-0
MU 361 Chamber Music Ensemble Not offered every year. Coaching in performance problems and interpretation of selected items of chamber literature. Only a limited number of pianists may register. ** Permission of the Department Head is required to register. **	1.5:0-2	MU 415 History of Performance Practice Not offered every year. Performance styles appropriate to various eras, developed from the consideration of original sources and contemporary commentary. Editions may be prepared and performed. *** Prerequisite: MU 203 or permission of Department Head ***	3:3-0
MU 362 Chamber Music Ensemble Not offered every year. A continuation of MU 361. *** Prerequisite: MU 361 ***	1.5:0-2	MU 417 Composition I Individual projects. Intended principally for students majoring in composition who are preparing to compose for different instrumental and vocal combinations ranging from solo to orchestral. *** Prerequisite: MU 318 *** * Note: Students may not receive credit for MU 417 and the former MU 421. *	3:3-0
MU 370 The Business of Music Not offered every year. This course provides students with skills necessary to establish oneself post-degree individually in the field of music/music pedagogy "grantsmanship," establishing a studio, taxation issues, adjudicating, touring, stage presence, advertising, etc. *** Prerequisite: Completion of 60 credit hours. ***	1.5-3:2-1	MU 418 Composition II A continuation of MU 417. *** Prerequisite: MU 417 *** * Note: Students may not receive credit for MU 418 and the former MU 422. *	3:3-0
MU 380 Vocal Pedagogy Not offered every year. An examination of the pedagogic techniques for the development and training of the singing voice. The class will study the relevant areas of human anatomy, acoustics and phonetics, and compare the pedagogic approaches of the various national schools of voice training. ** Permission of the Department Head is required to register. ** * Note: Intended for BMus Vocal Performance majors. *	1.5:2-0	MU 419 Composition III A continuation of MU 418. *** Prerequisite: MU 418 *** * Note: Students may not receive credit for MU 419 and the former MU 423. *	3:3-0
MU 381 Opera Workshop Not offered every year. A continuation of MU 282. *** Prerequisite: MU 282 ***	1.5:2-2	MU 420 Composition IV A continuation of MU 419. *** Prerequisite: MU 419 *** * Note: Students may not receive credit for MU 420 and the former MU 424. *	3:3-0
MU 382 Opera Workshop Not offered every year. A continuation of MU 381. *** Prerequisite: MU 381 ***	1.5:2-2	MU 425 Fugue Not offered every year. The study of fugal techniques. *** Prerequisite: MU 323 or permission of Department Head ***	3:3-0
		MU 442 Advanced Conducting Not offered every year. Score preparation and reading. Practical experience with actual performing groups. Consideration of more advanced compositions.	1.5:0-2

*** Prerequisite: MU 342 or 383, or permission of Department Head

MU 443 1.5:0-2

Advanced Conducting

Not offered every year. A continuation of MU 442.

*** Prerequisite: MU 442 ***

MU 456 3:3-0

Advanced Orchestration

Not offered every year. Study of major 20th and 21st century compositional developments and techniques of orchestration.

*** Prerequisite: MU 356 ***

* Note: Restricted to students majoring in Composition. *

MU 461 1.5:0-2

Chamber Music Ensemble

Not offered every year. A continuation of MU 362.

*** Prerequisite: MU 362 ***

MU 462 1.5:0-2

Chamber Music Ensemble

Not offered every year. A continuation of MU 461.

*** Prerequisite: MU 461 ***

MU 481 1.5:2-2

Opera Workshop

Not offered every year. A continuation of MU 382.

*** Prerequisite: MU 382 ***

MU 482 1.5:2-2

Opera Workshop

Not offered every year. A continuation of MU 481.

*** Prerequisite: MU 481 ***

MU 490 - 491 3:0-3

Supervised Research in Performance Studies

MU 492 - 493 3:0-3

Directed Studies in Music Theory

MU 494 - 494 3:0-3

Directed Studies in Music History - an AA-ZZ series.

MUEN	Music Ensemble
Faculty of Fine Arts	Department of Music

MUEN 101 0-1:0-3

University Concert Band

MUEN 103 0-1:0-3

University Jazz Ensemble

** Permission of the instructor is required to register in the fall. **

MUEN 105 0-1.5:0-3

Vocal Jazz Ensemble

Not offered every year.

** Permission of the instructor is required to register in the fall. **

MUEN 107 0-1:0-3

University Wind Ensemble

The Wind Ensemble is a competitively auditioned ensemble and admission is at the discretion of the ensemble director. Music majors must be registered in Concert Band in order to participate in Wind Ensemble. Non-music majors may register in Wind Ensemble only.

** Permission from the instructor required to register in the fall. **

MUEN 121 0-1.5:0-3

Composition Students' New Music Ensemble

** Permission of the instructor is required to register in the fall. **

MUEN 131 0-1:0-3

University Concert Choir

MUEN 135 0-1:0-3

University Chamber Singers

** Permission of the instructor is required to register in the fall. **

MUEN 155 0-1.5:0-3

Collegium Musicum

Not offered every year.

** Permission of the instructor is required to register in the fall. **

MUEN 157 0-1.5:0-3

Miscellaneous Ensemble - an AA-ZZ series.

** Permission from the instructor required to register in the fall. **

MUEN 159 0-1.5:0-3

Percussion Ensemble

** Permission of the instructor is required in the fall. **

MUEN 171 0-1:0-3

University Orchestra

** Permission from the instructor is required to register in the fall. **

NAK	Nakota (Assiniboiné)
Faculty of Arts	Department of Indian Languages, Literature and Linguistics – First Nations University of Canada

NAK 100 3:3-0

Conversational Nakota I

Introduction to the Nakota language, with emphasis on oral expression, basic grammar, and writing in Roman orthography.

NAK 101 3:3-0

Conversational Nakota II

A continuation of NAK 100. Further grammar and conversation practice for Nakota.

*** Prerequisite: NAK 100 ***

NAK 104 3:3-0

Nakota Grammar and Orthography I

This course is designed for students who speak some Nakota.

Emphasis is on Roman orthography and basic grammar, with some attention to dialect variation.

** Permission of the Department Head is required to register. **

NAK 105 3:3-0

Nakota Grammar and Orthography II

A continuation of NAK 104. Further study of the grammar and orthography. An introduction to short composition.

*** Prerequisite: NAK 104 or permission of Department Head ***

NAK 206 3:3-0

Nakota Linguistics

Linguistic concepts for the scientific analysis of Nakota. Development of linguistic terminology in Nakota for language teachers.

*** Prerequisite: NAK 105 or permission of Department Head ***

PAST	Pastoral Studies
Centre for Continuing Education	

PAST 310 3:3-0

Introduction to Pastoral Studies

The course will introduce the student to Pastoral Studies: history and theology; correlation with social sciences; and application and preparation.

** Permission of the Director is required to register. **

PAST 320 3:3-0

Pastoral Care

The course will explore several theories of pastoral care, related skills, and their application to specific ages, social groupings, institutions and problem areas.

*** Prerequisite: PAST 310, PSYC 101, PSYC 102, and PSYC 210 or PSYC 230 ***

PAST 330 3:3-3

Foundations of Pastoral Care

The course examines the religious foundations of a Christian understanding of ministry and pastoral care. Attention will be paid to constitutive components of ministry, drawing on resources from the fields of biblical studies, ecclesiology, ethics, theological anthropology and ecumenism.

*** Prerequisite: PAST 310, one 100 level RLST course, and one 200 level RLST course ***

PAST 340 3:3-3**Contemporary Spirituality**

This course will define the circumference of an adequate Christian spirituality from: (a) an individual and personal viewpoint; (b) a broader historical focus; and, (c) an academic stance that will supply the tools for one's personal critical assessment.

** Permission of Director is required to register. **

PAST 390 1-3:3-0**Selected Topics in Pastoral Studies - an AA-ZZ series.**

This course will examine selected topics in Pastoral Studies in some detail. Topics may include: life-span development and pastoral care, pastoral care in parishes, and pastoral care in schools.

PAST 400 0:0-3**Pastoral Studies Practicum**

This is a required course for all students. With support from the practicum supervisor, students will become directly involved in pastoral counseling to clients in the community. This practicum is 80 hours in duration, however, the exact days or hours per day will be negotiated between the student and the agency.

*** Prerequisite: PAST 310 and PAST 320 ***

PHIL	Philosophy
Faculty of Arts	Department of Philosophy and Classics

For Classical Studies courses please refer to the entry under CLAS – Classical Studies.

PHIL 100 3:3-0**Introduction to Philosophy**

This introduction to philosophy will explore how philosophy can provide answers to some of the more profound questions we face, such as questions concerning God, knowledge, truth, mind and body, personal identity, free will, morality, politics and reasoning.

* Note: Topics will vary with sections of this course. *

PHIL 150 3:3-3**Critical Thinking**

An introduction to the systematic study of reasoning, this course will teach the theory and practice of good reasoning. It will provide students with reasoning skills that are useful in whichever discipline and career they may pursue.

* Note: Formerly named LGC 100. Students may receive credit for one of LGC 100 or PHIL 150. *

PHIL 210 3:3-0**Pre-Socratics and Plato**

A critical survey of philosophy concentrating on the pre-Socratics and Plato. Special attention will be given to historical continuity between theories and to the genesis of perennial philosophical problems.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 211 3:3-0**Aristotle and Later Greek Philosophy**

A critical survey of philosophy concentrating on Aristotle and later Greek philosophers such as the Stoics, the Epicureans, and Plotinus. Topics may include language, ethics, psychology, politics, and other major divisions of human thought.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 212 3:3-0**Medieval Philosophy**

A study of the work of major philosophers from the 5th to the 15th century selectively drawing from the writings of Boethius, Augustine, Abelard, Aquinas, Roger Bacon, Duns Scotus, and Ockham.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 213 3:3-0**Early Modern Philosophy**

A critical examination of some of the works of the major empiricist and rationalist philosophers. The philosophers discussed will be selected from Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. Special attention will be given to the conflict between empiricism and rationalism.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 214 3:3-0**Late Modern Philosophy**

A critical survey of philosophy in the 19th and early 20th centuries. The background of contemporary philosophy and its historical

continuity will be developed with such philosophers as Hegel, Marx, Kierkegaard, Schopenhauer, Mach, and James.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 216 3:3-0**Existential Philosophy**

A discussion of the writings of representative existentialist thinkers, including Kierkegaard, Nietzsche, Jaspers, Heidegger, Marcel, Sartre, and Camus.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 231 3:3-0**Philosophical Issues in Psychology**

An introduction to philosophical issues in psychology which will include many but not all of the following topics: consciousness, mental representation, motivation, emotion, personality, intentionality, psychological explanation, artificial intelligence, perception, innatism, and the relation between psychology and neurophysiology.

*** Prerequisite: PHIL 100 and either of PSYC 101 or PSYC 102, or completion of 15 credit hours ***

PHIL 235 3:3-3**Knowledge and Reality**

A critical examination of the core questions in Epistemology and Metaphysics. What is Knowledge? How does knowledge differ from mere belief? Is it possible for us to have it? What are its scope and limits? What is the ultimate nature of reality? What is a person? What is a mind? What is free will and do we have it?

*** Prerequisite: Philosophy 100 or 15 credit hours ***

PHIL 241 3:3-0**Philosophy of Science**

A critical examination of some of the problems of the nature of scientific theory, the status of scientific laws, induction and the foundation of probability, confirmation, analysis of causality, and the nature of scientific explanation.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

* Note: This course is an elective in the Science and Technology Studies minor. *

PHIL 242 3:3-0**Philosophy of Religion**

An analysis of religious claims concerning the existence of God, religious experience, faith, revelation, and immortality. Modern and contemporary works will receive major attention.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 243 3:3-0**Philosophy of Human Nature**

A study of classical and contemporary views on human nature. These views will be drawn from a variety of philosophical traditions such as the classical and medieval tradition, the Cartesian view, and the dialectical tradition, as well as recent views to be found in the writings of naturalistic, analytic, phenomenological, and existential philosophers.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 244 3:3-0**Philosophical Study of Angels**

A critical examination in speculative metaphysics of the idea of angels which will investigate arguments both for the possibility and for the actual existence of such beings, as well as an exploration into the possibilities of what such beings might be like.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 245 3:3-0**Philosophy of Feminism**

A philosophical examination of key issues of and about feminism. Topics may include: feminist epistemology, conceptions of equality, censorship, pornography, employment equity.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 270 3:3-0**Ethics**

A critical introduction to the problems of moral philosophy, such as good and evil, virtue and vice, right and wrong, and related moral concepts. Readings will normally be selected from the following philosophers: Plato, Aristotle, St. Augustine, Aquinas, Hume, Kant, Hegel, Mill and Nietzsche.

*** Prerequisite: PHIL 100 or completion of 15 credit hours ***

PHIL 271 Social & Political Philosophy A critical analysis and evaluation of selected philosophical writings on justice, liberty, happiness, and the rights and obligations of the individual as a member of society. Authors studied will usually be selected from Machiavelli, Hobbes, Locke, Hume, Rousseau, Mill, Burke, Marx, and Marcuse. *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	sources. Philosophers who have been taught include Aristotle, Kant, Wittgenstein, Sartre, and Heidegger. *** Prerequisite: One 200-level PHIL course or permission of Department Head ***
PHIL 272 Contemporary Moral Issues A philosophical consideration of such contemporary moral issues as racism, sexism, abortion, the right to privacy, adultery, homosexuality, capital punishment, pacifism, the obligation to obey laws, and social justice. *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	PHIL 311 Wittgenstein A seminar on Wittgenstein: An intensive study of one or more aspects of Wittgenstein's philosophy. *** Prerequisite: One 200-level course in the history of philosophy area, and one 200-level course in the problems of philosophy area, or permission of instructor ***
PHIL 273 Biomedical Ethics A philosophical examination of such issues as the definition and determination of death, rights of dying persons, euthanasia and natural death, and such moral questions in the physician-patient relationship as confidentiality, truth-telling and coercion against religious belief. *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	PHIL 328 Advanced Topics on Kant - an AA-ZZ series. A seminar on Kant. An intensive study of one or more aspects of Kant's philosophy. *** Prerequisite: One 200-level philosophy course or permission of Department Head. PHIL 213 is recommended. ***
PHIL 274 Philosophy of Law Questions in legal philosophy such as: what is law? What is the relationship between law and morality? How, if at all, is punishment justified? What are the requirements for holding people responsible for their actions? *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	PHIL 330 Philosophy of Mind A critical examination of problems related to the nature of mind through such theories of mind as dualism, materialism, behaviourism, or such problems as privacy, intentionality, the possibility of a private language, or though the examination of contemporary works on the problem. *** Prerequisite: One 200-level PHIL course or permission of Department Head ***
PHIL 275 Environmental Ethics A philosophical examination of moral, social, and political issues concerning the environment. Topics may include: the nature of Nature; the moral status of non-human animals, species, and eco-systems; the relationship between economic systems and the environment; environmental aesthetics; ownership and use of resources; population and future generations; eco-feminism. *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	PHIL 331 Philosophy of Language Attention will be given to the theories of meaning, the relation of meaning to language in use, empiricist criteria of meaningfulness, and particular problems such as vagueness, open texture, and metaphor. *** Prerequisite: One 200-level PHIL course or permission of Department Head ***
PHIL 276 Professional Ethics Philosophical consideration of ethical problems which arise in the context of the conduct of various professions. Areas may include business ethics, biomedical ethics, ethics of education, ethics of privacy and confidentiality (with applications to journalism, social work, psychology), and environmental ethics. *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	PHIL 332 Philosophy of History A study of philosophical problems concerning the nature of historical explanation and knowledge, causality in history, historical necessity, meaning, purpose, and truth. The approaches of authors such as Hegel, Nietzsche, Collingwood, and others will be considered. *** Prerequisite: One 200-level PHIL course or permission of Department Head ***
PHIL 277 Ethical Issues in Science and Technology Using a series of case studies, this class will examine ethical issues and controversies engendered by science and technology. *** Prerequisite: Completion of 15 credit hours ***	3:3-3	PHIL 333 Phenomenology An exploration into the phenomenological movement begun by Husserl and developed in contemporary thinkers such as Heidegger, Merleau-Ponty, etc. Primary emphasis will be on the clarification of the method, goals, and general world view of the movement through textual analysis of each philosopher. *** Prerequisite: One 200-level PHIL course or permission of Department Head ***
PHIL 278 Aesthetics Introduction to the philosophy of art through an examination of such problems as the definition of art, the nature of beauty and aesthetic experience, interpretation and criticism, structure and form. The writings of great thinkers in the subject, from Plato to the present time, will be examined. *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	PHIL 334 Phenomenology of Perception Perception will be presented as dialectical relation of human consciousness and the world. Such topics as space, time, mobility, sexuality, and freedom will be discussed. *** Prerequisite: One 200-level PHIL course or permission of Department Head ***
PHIL 279 Marxism A critical examination of the origins, development, and central themes of Marxist philosophy. Special emphasis will be given to the analysis of the philosophical texts of Marx, Engels, and Lenin. *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	PHIL 335 Topics in Philosophy - an AA-ZZ series. A critical examination of some selected philosophical problems. *** Prerequisite: One 200-level PHIL course or permission of Department Head ***
PHIL 290 - 295 Selected Topics in Philosophy - an AA-ZZ series. A critical examination of some selected topics in philosophy. *** Prerequisite: PHIL 100 or completion of 15 credit hours ***	3:3-0	PHIL 341 Postmodernism An examination of modernism and postmodernism focusing on questions of truth, power, knowledge, and the self. *** Prerequisite: One 200-level PHIL course or PSCI 210 ***
PHIL 310 Studies in the History of Philosophy - an AA-ZZ series. A critical examination of the thought of a particular philosopher or philosophical movement. Emphasis is on a detailed analysis of original	3:3-0	PHIL 342 Topics in the Philosophy of Science - an AA-ZZ series. Topics studied may include: philosophy of the social sciences; philosophy of biology; philosophical aspects of evolution; scientific realism and antirealism; philosophy of space and time; science and metaphysics.

*** Prerequisite: PHIL 241 or permission of Department Head ***

PHIL 350 3:3-0
Advanced Symbolic Logic
 A review of predicate logic; the metatheory of propositional and predicate logic, axiomatic systems; soundness, completeness, and decidability; elementary model theory.
 *** Prerequisite: PHIL 352 or permission of Department Head ***

PHIL 351 3:3-0
Philosophical Logic
 Quantification and ontology; existence and identity; truth meaning, realism and anti-realism; modal extensions of propositional and predicate logic; tense and temporal logics; deontic logic; the logic of conditionals and relevance logic.
 *** Prerequisite: PHIL 352 or permission of Department Head ***

PHIL 360 3:3-0
Topics in the Philosophy of Mathematics
 This course may cover such topics as: the existence of mathematical entities; mathematical knowledge and truth; phenomenology of mathematics; and the nature of infinity. Readings may include the relevant writings of such thinkers as Plato, Aristotle, Kant, Leibniz, Berkeley, Husserl, Frege, Russell, Quine, Poincaré, Gödel, Hilbert, Tarski, Brouwer, Weyl, and Wittgenstein.
 *** Prerequisite: PHIL 352, or 350, or 351, or permission of Department Head ***

PHIL 370 3:3-0
Advanced Ethics - an AA-ZZ series.
 A study of recent theorizing about problems in the realm of moral philosophy.
 *** Prerequisite: One 200-level PHIL course or permission of Department Head ***

PHIL 371 3:3-0
Advanced Social and Political Philosophy
 A study of recent theorizing about problems in the realm of social and political philosophy.
 *** Prerequisite: One 200-level PHIL course or permission of Department Head ***

PHIL 372 3:3-0
Studies in Ethical Theory - an AA-ZZ series.
 A critical examination of particular ethical topics, points of view, or movements.
 *** Prerequisite: One 200-level PHIL course or permission of Department Head ***

PHIL 378 3:3-0
Topics in Aesthetics
 Selected problems in contemporary aesthetics, such as aesthetic experience, art, criticism, and natural beauty.
 *** Prerequisite: PHIL 278 or permission of the instructor ***

PHIL 410 3:3-0
Advanced Studies in the History of Philosophy - an AA-ZZ series.
 A seminar in a particular philosopher or a philosophical movement.
 ** Permission of the Department Head is required to register. **

PHIL 411 3:3-3
Wittgenstein - an AA-ZZ series.
 A seminar on Wittgenstein: an intensive study of one or more aspects of Wittgenstein's philosophy.
 *** Prerequisite: PHIL 210, PHIL 213, and PHIL 230, or permission of the instructor ***
 ** Permission of the Department Head is required to register. **

PHIL 428 3:3-3
Advanced Topics on Kant - an AA-ZZ series.
 A seminar on Kant. An intensive study of one or more aspects of Kant's philosophy.
 ** Permission of the Department Head is required to register. **

PHIL 430 3:3-0
Epistemology
 Seminar on selected topics within the theory of knowledge.
 ** Permission of the Department Head is required to register. **

PHIL 431 3:3-0
Metaphysics
 Seminar on selected metaphysical problems.

** Permission of the Department Head is required to register. **

PHIL 435 3:3-0
Advanced Topics in Philosophy - an AA-ZZ series.
 A seminar in a particular philosophical problem.
 ** Permission of the Department Head is required to register. **

PHIL 440 3:3-0
Philosophy of Action
 This course examines the main competing theories of human action and agency. It will consider such issues as: the nature of action, mistake, accident, inadvertence, etc.; the nature of the relevant mental antecedents of action; the relations which hold between behaviour and its mental antecedents; intentionality and unintentionality; practical reasoning and planning; autonomy and heteronomy; the extent of intention and responsibility.
 *** Prerequisite: PHIL 231, or PHIL 330, or permission of Department Head ***
 ** Permission of the Department Head is required to register. **

PHIL 450 3:3-3
Advanced Topics in Formal Logic
 Advanced topics studied may include: model theory, recursion theory, category theory, axiomatic number theory, axiomatic set theory, proof theory and undecidability, Church's thesis and constructive mathematics, non-classical logics.
 *** Prerequisite: PHIL 350 or permission of Department Head ***
 ** Permission of the Department Head is required to register. **

PHIL 470 3:3-0
Ethics - an AA-ZZ series.
 Seminar on selected topics within moral philosophy.
 ** Permission of the Department Head is required to register. **

PHIL 471 3:3-0
Advanced Studies in Value Theory - an AA-ZZ series.
 A seminar in a particular area of value theory.
 ** Permission of the Department Head is required to register. **

PHYS	Physics
Faculty of Science	Department of Physics

PHYS 051 - 054 0:0-0
Physics Co-op Work Term
 Four month co-op work term #1 approved by the department and arranged by the co-op coordinator.

PHYS 109 3:3-1.5
General Physics I
 General algebra-based physics, including classical mechanics and geometrical optics.
 *** Prerequisite: Mathematics B30 and C30 ***
 * Note: May not be taken for credit if a student has received credit for PHYS 111 or PHYS 112. Students cannot receive credit for both PHYS 105 and PHYS 109. *

PHYS 111 3:3-3
Mechanics
 Kinematics in one, two and three dimensions, dynamics of particles and rigid bodies, including work, energy, and rotational kinematics and dynamics.
 *** Prerequisite: Physics 30 and MATH 110. Concurrent enrolment allowed. ***

PHYS 112 3:3-3
Waves and Optics
 A course dealing with oscillations, wave motion, sound and geometrical and physical optics.
 *** Prerequisite: PHYS 111 (recommended) or 109, and MATH 105 or 110 (may be taken concurrently) ***

PHYS 119 3:3-1.5
General Physics II
 A continuation of PHYS 109: Fluid mechanics, heat and thermodynamics, waves, sound, radiation, electrostatics and electric current.
 *** Prerequisite: PHYS 109 or ENGG 140 ***
 * Note: May not be taken for credit if received credit for PHYS 111 or 112. *

PHYS 200 From Quarks to the Cosmos A conceptual approach will be used in this course which is directed towards liberal arts students. The aim is to understand the physical world, from the microscopic (building blocks of nature), through the macroscopic (everyday phenomena), to the galactic (universe). Only simple algebra will be employed. * Note: Physics majors may not take this course for credit. *	3:3-0	PHYS 342 Atomic Physics Operator formalism of modern quantum mechanics, commutation relations, the Schrodinger equation and its applications for the harmonic oscillator and one-dimensional potentials, central fields, the hydrogen atom and complex atoms. *** Prerequisite: PHYS 112, PHYS 242 and PHYS 351. PHYS 351 may be taken concurrently ***	3:3-0
PHYS 201 Electricity and Magnetism An introduction to electricity and magnetism for science and engineering students, covering the topics of electrostatics, D.C. circuits, magnetism, and electromagnetic induction. *** Prerequisite: PHYS 111 or 119, and MATH 213. Math 213 may be taken concurrently. ***	3:3-3	PHYS 351 Mathematical Physics I Curvilinear co-ordinates and special functions. Fourier series, integrals and transforms, boundary value and initial value problems. *** Prerequisite: MATH 213 and 217 ***	3:3-0
PHYS 202 Classical Mechanics I A course in intermediate mechanics for physics majors and honours students as well as engineering students. Topics include motion of systems of particles and rigid bodies, accelerated reference frames, and central forces. *** Prerequisite: PHYS 111 or 119 and MATH 213. MATH 213 may be taken concurrently ***	3:3-0	PHYS 352 Mathematical Physics II Tensor calculus, group theory, and Green's functions. *** Prerequisite: PHYS 351. Concurrent enrolment is allowed. ***	3:3-0
PHYS 242 Introduction to Modern Physics Special theory of relativity, introduction to wave mechanics, early quantum physics, Bohr atom, radioactivity, and nuclear reactions. *** Prerequisite: PHYS 201 ***	3:3-1.5	PHYS 362 Statistical Mechanics The theory of classical and quantum statistical mechanics and applications to systems of physical interest including lasers and atomic lasers. *** Prerequisite: PHYS 261 and 342. PHYS 342 may be taken concurrently. ***	3:3-0
PHYS 261 Heat and Thermodynamics An introduction to the concepts of temperature and thermometry, the laws of thermodynamics and applications, kinetic theory. *** Prerequisite: PHYS 111 and MATH 111 ***	3:3-1.5	PHYS 372 Modern Experimental Physics An intermediate laboratory course, normally taken by physics majors and honours students in their third year, from subject matter covered in third-year courses. *** Prerequisite: PHYS 201, 202, 242, 261, and 292 ***	3:0-6
PHYS 292 Physics of Continuous Media An introduction to elasticity and elastic moduli, fracture, fluid flow, viscous effects, compressible flow, ideal fluid flow and applications. *** Prerequisite: PHYS 202, MATH 213, and MATH 217. All courses may be taken concurrently. ***	3:3-1.5	PHYS 401 Quantum Mechanics I Axiomatic formulation, representations, angular momentum and spin, perturbation theory, systems of identical particles, and matrix mechanics. *** Prerequisite: PHYS 301 and 342 ***	3:3-0
PHYS 301 Classical Mechanics II The mechanics of rigid bodies, Hamilton and Lagrange equations of motion and their applications, oscillations and normal co-ordinates. *** Prerequisite: PHYS 202, MATH 213 and 217. MATH 217 may be taken concurrently. ***	3:3-0	PHYS 411 Advanced Classical Mechanics Hamilton-Lagrange equations, Hamilton-Jacobi theory and applications, transformation theory, and special relativity. *** Prerequisite: PHYS 301 and 351 ***	3:3-0
PHYS 311 Electromagnetism I Maxwell's equations, dielectric and magnetic properties of matter, and multipoles. *** Prerequisite: PHYS 201, MATH 213 and 217. MATH 217 may be taken concurrently. ***	3:3-0	PHYS 421 Solid State Physics Physics of crystalline solids, binding, energy bands, lattice vibrations, and electronic properties. *** Prerequisite: PHYS 342 and 362 ***	3:3-0
PHYS 315 Selected Topics in Modern Physics Selected topics from the areas of superconductivity, special theory of relativity, nuclear technology, plasma physics, and lasers. For engineering students; other students must obtain permission of the department head to register. *** Prerequisite: PHYS 201. PHYS 311 is recommended. ***	3:3-0	PHYS 430 Introduction to General Relativity Law of universal gravitation, the equivalence of inertial and gravitational mass, Riemannian geometry, Einstein's field equations, Schwarzschild solution, black holes and gravitational collapse, cosmology. *** Prerequisite: PHYS 411 ***	3:3-0
PHYS 319 Health Physics An introductory course on radiation, its sources, and its biological effects. *** Prerequisite: PHYS 242 or 119 ***	3:3-0	PHYS 432 Nuclear Physics Radioactive decay mechanisms, interactions of nuclear radiation with matter, spectroscopy, nuclear models, and applications to medicine, material science, and engineering. *** Prerequisite: PHYS 342 and 401. PHYS 401 may be taken concurrently. ***	3:3-0
PHYS 322 Physical Optics and Electromagnetic (E/M) Radiation Maxwell's equations and E/M waves, the E/M spectrum, energy of an E/M wave, the Poynting vector, optics of planar surfaces, interference, coherence, polarization, Rayleigh scattering, Cerenkov radiation, and applications including waveguides and antennas. *** Prerequisite: PHYS 311 ***	3:3-0	PHYS 442 Introduction to Elementary Particle Physics Classification of particles, particle detectors and accelerators, invariance and conservation laws, hadron-hadron interactions, weak interactions, quark model and group theory, and introduction to QCD. *** Prerequisite: PHYS 401 ***	3:3-0
		PHYS 471 Honours Physics Laboratory Fourth-year lab combining modern experimental techniques together with material from 400-level courses. *** Prerequisite: PHYS 301, 311, 322, 342, and 372 ***	3:0-6

PHYS 490**0:0-1****Physics Seminar**

This course must be taken by all honours physics students in both semesters of their fourth year, and by applied/industrial physics cooperative students in one semester of their final year of study. Students are required to attend all seminars and to present a seminar on a topic determined in consultation with the department head.

PHYS 491 - 499**1-3:3-0****Directed Readings - an AA-ZZ series.**

Courses designed to meet the specific needs of individual students. These courses are restricted to students in an honours program.

PLST	Police Studies
Faculty of Arts	Department of Justice Studies

Note: PLST 448 is a compulsory course for students who were enrolled in pre-police studies at any time before finding employment with a police service, and for officers who have less than five years service upon application for admission to the BA in Police Studies.

PLST 449 is intended for officers with at least five years of service upon application for admission to the BA in Police Studies, and who were not enrolled in pre-police studies before finding employment with a police service.

Students may not receive credit for both PLST 448 and 449.

PLST 448**15:0-15****Practicum: Professional Training and Paper**

Students will undergo the final stage of their training. This will involve a four month period of work with an approved sponsoring police service and completion of an assigned paper.

*** Prerequisite: Completion of a term at an approved Police College or equivalent training with an approved police service, admission to the BA in Police Studies, a minimum 60% PGPA and 65% major GPA. ***

** Permission of the Police Studies Coordinator is required to register.

* Note: This course is graded on a pass/fail basis. *

PLST 449**3:3-3****Practicum: Paper**

Students must complete an assigned paper which will integrate academic learning with contemporary policing.

*** Prerequisite: Completion of 75 credit hours of pre-police studies (including 15 credit hours of transfer credit for police college (or equivalent) training), admission to the BA in Police Studies, a minimum 60% PGPA and 65% major GPA. ***

** Permission of the Police Studies Coordinator is required to register.

* Note: This course is graded on a pass/fail basis. *

PR	Certificate in Public Relations
Centre for Continuing Education	

PR 035**1.5:2.5-0****Public Relations in Non-Profit and Volunteer Organizations**

This course is an introduction to public relations as it applies to non-profit and volunteer organizations. Topics include: fund raising, media relations, lobbying, designing news releases, planning news conferences, public events and audio visual presentations, etc.

*** Prerequisite: PR 030 and PR 032 or PR 033 ***

PR 037**1.5:2.5-0****Research and Evaluation Methods**

Considering the role of research and evaluation in public relations, the student will learn theory and practical uses of research along with specific research techniques and options. The importance of evaluation is emphasized. Ethics within research and the field of communications is a key theme.

*** Prerequisite: PR 030 ***

PR 038**1.5:2.5-0****Ethical/Critical Issues in Public Relations**

The course provides an understanding of current ethical questions and professional codes of ethics when working towards ethical standards within an organization and performing public relations tasks for media, the public, and other constituencies. Emphasis on case studies and current literature will explore applications of ethical practice in crisis situations.

*** Prerequisite: PR 030 ***

PR 039**1.5:2.5-0****Media Relations**

A comprehensive analysis of the media and skills to accommodate the needs of different media will be developed. How the media works, what is considered news, and how to prepare for the differences in print and electronic interviews are discussed. Legal, moral, and logistical constraints challenging the media are explored.

*** Prerequisite: PR 030 and PR 032 or PR 033 ***

PR 040**1.5:2.5-0****Electronic Information Design**

This course will explore new ways to develop and disseminate information other than traditional paper-based formats. Covering the basics of electronic information design and development, this course will outline processes, standards, and guidelines for ensuring electronic information is appealing, accessible, useful, and manageable.

*** Prerequisite: PR 030 and 032 or PR 033 ***

PR 041**1.5:2.5-0****Intranet Usability**

This course will focus on planning and developing intranet content that aligns with the organization's business goals and meets its users' needs. It will outline the elements of a unified content-management strategy and provide guidelines for ensuring content usability.

*** Prerequisite: PR 030 and PR 032 or PR 033 ***

PR 042**1.5:2.7-0****Approaches to Fundraising**

This course will cover various aspects of fundraising including government regulations, ethical concerns, accessing funding agencies, market and audience research, and publicity and promotion. Essentials of event planning, as they relate to fundraising, will comprise a portion of this course.

PR 043**1.5:1.5-0****Selected Topics in Public Relations - an AA-ZZ series.**

Selected topics in public relations/communications.

*** Prerequisite: PR 030 and PR 032 or PR 033 ***

PR 100**3:3-0****Foundations of Public Relations**

This survey course will introduce students to the theoretical and practical foundations of public relations/communications. Students will examine key theories, models and ethical principles that underpin the profession; the nature and composition of public relations as a career; and the major steps in the strategic public relations process.

* Note: Students who have received credit for PR 030 cannot receive credit for PR 100. *

PR 101**3:3-0****Writing and Editing for Public Relations**

This course will introduce students to the conventions and formats of writing for public relations, as distinguished from other forms of business writing. Students will develop an awareness of audience, objectives and key messages when planning their writing before moving on to practice with several common public relations formats.

* Note: Students who have received credit for PR 031 and PR 036 cannot receive credit for PR 101. *

PR 200**3:3-0****Strategic Communication Planning**

Students will learn to apply strategic planning principles to the development of effective communication programs. The course will emphasize the use of research, analysis, goals, objectives, audience and issue analysis and measurement of results.

*** Prerequisite: PR 100 ***

* Note: Students who have received credit for PR 032 cannot receive credit for PR 200. *

PR 201**3:3-0****Comm. Tools and Techniques**

An effective approach to Public Relations involves the activities of planning, implementing, and evaluating. The tools and techniques are how Public Relations is implemented. This course will outline the Public Relations tool kit and provide an understanding of which techniques are appropriate in specific situations.

*** Prerequisite: PR 100 ***

* Note: Students who have received credit for PR 033 cannot receive credit for PR 201. *

PRST	Prairie Studies
Faculty of Arts	Department of Geography

PRST 200**3:3-3****Introduction to the Prairie World**

This team-taught online interdisciplinary course introduces students to a broad range of Prairie issues, including Prairie geography, history, political and cultural systems, and language. The strong interdisciplinary and cross-cultural perspectives provide students with the necessary foundations to specialize in their own area(s) of interest within the Prairie Studies program.

*** Prerequisite: Completion of 15 credit hours, including one 100-level geography course, one 100-level history course, one 100-level indigenous studies course, one 100-level political science course, plus one of the following: one 100-level indigenous languages course (Cree or Saukteaux), one 100-level Sociology course, or one 100-level English course; or permission of coordinator ***

PRST 400**3:3-3****Senior Seminar in Prairie Issues**

This team-taught interdisciplinary seminar examines selected Prairie contemporary issues integrating thematic studies from the perspective of the socio-economic, political and cultural challenges facing the Prairies. The seminar places emphasis on the development and presentation of an integrative paper by each participant with critiques from each other being a key component.

*** Prerequisite: PRST 200 and the successful completion of 90 credit hours, and permission of the Prairie Studies Coordinator ***

PSCI	Political Science
Faculty of Arts	Department of Political Science

PSCI 100 is the normal prerequisite for all 200-level political science courses. Any student who, at the beginning of the second year, has declared a major in a field other than political science may seek approval from the head of the Political Science Department to take any 200-level political science course without having taken PSCI 100. **Students who have completed the former PSCI 101 may take courses for which PSCI 100 is a prerequisite.**

PSCI 100**3:2-1****Introduction to Political Science**

This course introduces fundamental concepts and methods used in the discipline and acquaints students with political institutions, processes, and theories important to public life in Canada and the world.

* Note: Formerly numbered PSCI 101. Students may not receive credit for both PSCI 100 and PSCI 101. Students who have completed the former PSCI 101 may take courses for which PSCI 100 is a prerequisite. *

PSCI 210**3:3-3****Introduction to Political Thought**

This course introduces students to basic ideas and some major figures in the history of political thought. Central issues such as justice, political authority, rights, legitimacy, and sovereignty will be explored by way of reference to the ideas of some of the major figures in the history of political theory.

*** Prerequisite: PSCI 100 ***

PSCI 220**3:3-3****Comparative Politics**

An introduction to comparative analysis of industrial and developing states. Topics include: the economies and political traditions of the countries in question; contemporary patterns of politics and policy-making, individual and collective rights, governmental power and the functioning of executives, legislatures, bureaucracies, parties, and pressure groups in the context of current policy problems.

*** Prerequisite: PSCI 100 ***

PSCI 230**3:3-0****Canadian Politics**

An examination of the political structures and important forces shaping political decision-making in Canada. Emphasis is placed on national institutions and events.

*** Prerequisite: PSCI 100 ***

PSCI 240**3:3-0****World Politics**

A comprehensive introduction to international politics. This course is designed to help students establish a basic understanding of the history of war and peace, international relations theory, human security, international political economy, international law, and international organizations.

*** Prerequisite: PSCI 100 ***

PSCI 290**3:3-3****Selected Topics - an AA-ZZ series.**

Courses in selected topics.

*** Prerequisite: PSCI 100 or permission of Department Head ***

PSCI 310**3:3-3****Ancient Political Thought**

This course examines the political thought of the ancient world. It focuses primarily on Plato and Aristotle, but can also include the pre-Socrates, Thucydides, Cicero, etc.

*** Prerequisite: PSCI 210 or permission of Department Head ***

PSCI 311**3:3-3****Early Modern Political Theory**

An examination of the ideas of major figures in early modern political thought such as Machiavelli, Hobbes, Locke, and others with a view to exploring the differences between ancient and modern political thought. It will explore issues such as the origin of the state, conceptions of the individual, the nature and limits of community.

*** Prerequisite: PSCI 210 or permission of Department Head ***

* Note: Formerly numbered PSCI 214. Students may not receive credit for both PSCI 311 and PSCI 214. *

PSCI 312**3:3-3****American Political Thought**

This course examines the intellectual origins and development of the American constitutional tradition from the colonial period to modern times. Topics include thinkers and works from the Founding and Jacksonian era, Lincoln and the slavery crisis, the populist and progressive movements, New Deal liberalism, and contemporary rights issues.

*** Prerequisite: PSCI 210 or PSCI 321 or permission of Department Head. Concurrent enrolment allowed in PSCI 321. ***

PSCI 316**3:3-3****Postmodernism**

An examination of modernism and postmodernism focusing on questions of truth, power, knowledge, and the self.

***Prerequisite: PSCI 210, or permission of Department Head ***

*Note: This course is cross-listed with PHIL 341. Students who have completed HUM 207, PHIL 295AA, or ENGL 395AB prior to Winter 2007 may not take this course for credit. *

PSCI 317**3:3-3****Medieval Political Thought**

This course examines classics in political theology from the Christian, Islamic and Jewish traditions. It will explore questions such as the relationship between reason and revelation, the best political order, and the understanding of nature, law and prophecy.

*** Prerequisite: PSCI 210, or one 200-Level PHIL course, or permission of Department Head ***

PSCI 318**3:3-3****Women and Gender in Political Philosophy, Ancient and Modern**

This course examines how gender issues have been treated in political philosophy. It will explore questions such as the status of the family, the equality of the sexes, the role of reason in defining woman, and the relation between the public and private spheres of life.

*** Prerequisite: PSCI 210, or one 200-level PHIL course, or WGST 200, or permission of Department Head ***

PSCI 321**3:3-0****American Politics**

This course introduces students to the American political system. It may explore some or all of the following: American political philosophy, constitutionalism, political culture, civil rights and liberties,

the operation of the major federal institutions, political participation and the meaning of citizenship, and policy making in a volatile world.
 *** Prerequisite: PSCI 220 or permission of Department Head ***

PSCI 323 3:3-3
Chinese Politics

This course focuses on modern Chinese politics, especially the post-Mao transition from revolution to reform. It introduces students to different approaches to the study of Chinese politics. In addition to the general overview of China's political traditions, revolution, and political institutions, some specific topics will also be examined.
 *** Prerequisite: PSCI 220 or permission of Department Head ***

PSCI 324 3:3-3

The Political System of India or another South Asian Country
 An examination of the political system and foreign policy perspectives of India or another South-Asian country.
 *** Prerequisite: PSCI 220 or permission of Department Head ***

PSCI 325 3:3-3

Political Participation in Comparative Perspective
 This course surveys the various conventional and unconventional political activities of North American citizens in the 20th and early 21st centuries. It will examine the theories and methodologies used to study citizens' political involvement, and focus on contemporary and historical examples of citizens engaging in conventional and unconventional activities, including voting, party activism and non-violent civil disobedience.
 *** Prerequisite: PSCI 220 or permission of Department Head ***
 * Note: Formerly numbered PSCI 250. Students may not receive credit for both PSCI 325 and PSCI 250. *

PSCI 326 3:3-3

Asian Politics: Selected Cases
 An examination of selected political systems in Asian countries other than China and India. In addition to studying political structures, the course will focus on the connections between domestic policies and regional tensions.
 *** Prerequisite: PSCI 220 ***

PSCI 331 3:3-0

Canadian Federalism
 This course examines the Canadian federal system from several analytical perspectives in order to come to conclusions about the nature of the system and its impact on politics in Canada. It pays particular attention to the development and present form of the Canadian constitution.
 *** Prerequisite: PSCI 230 or permission of Department Head ***

PSCI 333 3:3-3

Politics of Quebec
 This course is designed to enhance the understanding of those unfamiliar with Quebec politics. It concentrates on the development of Quebec in Canada, its relationship with other regions and the federal government, and the continuing question of Quebec independence.
 *** Prerequisite: PSCI 230 or permission of Department Head ***
 * Note: Formerly numbered PSCI 430. Students may not receive credit for both PSCI 333 and PSCI 430. *

PSCI 334 3:3-0

Canadian Politics and the Charter of Rights
 This course will examine the influence of the Charter of Rights on political issues and social change in Canada. Emphasis will be on civil liberties, group rights and political and socio-economic conflict, and the evolving roles of party politics, the judiciary, and extra-Parliamentary politics.
 *** Prerequisite: PSCI 230 or permission of Department Head ***

PSCI 336 3:3-0

Canadian Labour in Politics
 This course will examine the role of the trade union movement in Canadian politics. This will involve an examination of the relationship of trade unions to political parties, corporate capital, and the state, as well as a study of ideological tendencies within trade unions.
 *** Prerequisite: PSCI 230 or permission of Department Head ***

PSCI 337 3:3-0

Women in Politics
 An introduction to women's participation in various aspects of Canadian political life, including the women's movement, party and electoral politics, legislatures, and the legal system.
 *** Prerequisite: PSCI 230 or permission of Department Head ***

PSCI 338 3:3-0

Aboriginal People and Politics
 This course considers the relationship between indigenous peoples and the Canadian state. Questions of the nature of colonialism, capitalism, citizenship and identity are raised, based on a critical reading of Canadian history and contemporary politics.
 *** Prerequisite: PSCI 230 or permission of Department Head ***

PSCI 340 3:3-0

Topics in International Law
 This course will focus on the development of international law as a universal law with emphasis on selected topics and cases.
 *** Prerequisite: PSCI 240 or permission of Department Head ***

PSCI 341 3:3-0

Canadian Foreign Policy
 This course introduces the student to the study of Canadian foreign policy.
 *** Prerequisite: PSCI 230 or permission of Department Head ***

PSCI 342 3:3-3

International Diplomacy and the United Nations System
 This course will examine the various approaches to diplomacy and the dynamics of international conflict resolution and peace enhancement through a study of the legal framework, institutional structure, and political processes of the United Nations System, and other multilateral organizations. It will also involve observation and simulation at the national and international level.
 *** Prerequisite: PSCI 240 or permission of Department Head ***
 * Note: Formerly numbered PSCI 241. Students may not receive credit for both PSCI 342 and PSCI 241. *

PSCI 343 3:3-3

International Political Economy
 A critical examination of the relationship and interaction between world politics and the international economy, including topics such as international trade, financial debt crisis, multinational corporations, foreign aid and investment. Theoretical attention will be particularly paid to hegemony and leadership theory, development and underdevelopment, regionalism and integration, international regimes and globalization.
 *** Prerequisite: PSCI 240 or permission of Department Head ***

PSCI 344 3:3-3

Political Economy of Development and Underdevelopment
 This course considers the ways in which economic development has occurred in different states, taking into account transformations in global capitalism, superpower states, and political-economic alliances, and domestic political formations. Theoretical materials may include liberal and realist accounts as well as neo-Marxist critiques.
 *** Prerequisite: PSCI 220 or 240 or permission of Department Head ***
 * Note: Formerly numbered PSCI 270. Students may not receive credit for both PSCI 344 and PSCI 270. *

PSCI 345 3:3-3

Canada in the Global System
 This course examines how national and international political and economic developments have affected Canada's ability to maintain its political and economic sovereignty. Attention is focused on the paradigmatic shift in political and economic thinking that took place in the 1970s and 1980s, including trade liberalization and the expansion of NAFTA, FTAA and the WTO.
 *** Prerequisite: PSCI 230 or permission of Department Head ***
 * Note: Formerly numbered PSCI 231. Students may not receive credit for both PSCI 345 and PSCI 231. *

PSCI 350 3:3-0

Electoral Systems and Voting
 Analysis of the voting behaviour of individuals and its relation to electoral systems. Examples from Canada and other countries will be examined and compared.
 *** Prerequisite: PSCI 220 or 230 or permission of Department Head ***

PSCI 360 3:3-3

Local Government in Canada
 An introduction to municipalities and local government bodies in Canada. Topics include the origins, transformation, structure and functioning of local governments, current issues and problems. The course will examine political institutions, processes and trends in both urban and rural settings, particularly in the Prairies.
 *** Prerequisite: PSCI 100 or permission of Department Head ***

PSCI 361 3:3-3
Local and Community Politics
 This course addresses political processes and structures at the local level, and community as a venue for political action. Topics such as community power; local interest groups, issues and conflicts; local democracy; and the local/global dichotomy will be considered. Examples will be drawn from both urban and rural settings.
 *** Prerequisite: PSCI 210 or PSCI 230, or permission of Department Head ***

PSCI 390 3:3-3
Selected Topics - an AA-ZZ series.
 Courses in selected topics.
 *** Prerequisite: PSCI 100 and completion of 9 credit hours in PSCI, or permission of Department Head ***

PSCI 400 3:0-3
Honours Project I
 Work towards an Honours Paper under the supervision of a faculty member. Students must submit a proposal at the end of the Fall semester.
 ** Permission of the Department Head is required to register. **
 * Note: Students who do not achieve a grade of 75% in this course may not continue in the Honours program in political science. *

PSCI 401 3:0-3
Honours Project II
 Completion of an Honours Paper under the supervision of a faculty member. Students must submit an extensive research paper based on their proposal in PSCI 400.
 *** Prerequisite: PSCI 400 with a minimum grade of 75% ***

PSCI 412 3:3-3
Modern Political Theory: The Continental Tradition
 An exploration of the ideas of some or all of the following: Rousseau, Kant, Hegel, Schopenhauer, Nietzsche.
 *** Prerequisite: One of PSCI 310, 311, 312 or 316 or permission of the Department Head ***
 * Note: Formerly numbered PSCI 313. Students may not receive credit for both PSCI 412 and PSCI 313. *

PSCI 413 3:3-3
Modern Political Theory: The English Liberal Tradition
 An exploration of the ideas of some or all of the following: Burke, Bentham, Hume, J. Mill, J.S. Mill, Green.
 *** Prerequisite: One of PSCI 310, 311, 312 or 316 or permission of the Department Head ***
 * Note: Formerly numbered PSCI 314. Students may not receive credit for both PSCI 413 and PSCI 314. *

PSCI 415 3:3-3
Contemporary Political Theory
 This course offers a selection of readings in contemporary political theory. Emphasis will be placed on the way current political thought addresses fundamental and emerging political concerns. The readings may draw upon sources such as political economy, feminism, critical theory, environmentalism, post-modernism, and recent developments in liberal, democratic, and neo-Marxist approaches.
 *** Prerequisite: One of PSCI 310, 311, 312 or 316 or permission of the Department Head ***

PSCI 423 3:3-3
East European Political Systems
 The politics of modern East Europe. An intensive examination of the internal political economies and external politics of the successor states to the Soviet Union, and selected East European states. A detailed investigation of the factors leading to the disintegration of the "communist" system, and the systems which have replaced it.
 *** Prerequisite: PSCI 220 or permission of Department Head ***

PSCI 424 3:3-3
Interest Groups and Social Movements
 This course examines how interest groups affect the policy-making process in Canada. It assesses the respective role and influence of "institutionalized" interest groups (such as business groups, professional associations and unions) and "issue-oriented" groups (such as the environmental, women's, human rights and peace movements). Other countries will be examined as well.
 *** Prerequisite: One of PSCI 323-325 or 331-338; or permission of Department Head ***

PSCI 425 3:3-3
Topics in Comparative Politics (1)
 An intensive study of modern theories in comparative politics, such as rational choice theory, institutionalism, culturalism, and historical-structural analysis.
 *** Prerequisite: One of PSCI 323, 324 or 325 or permission of Department Head ***

PSCI 426 3:3-3
Topics in Comparative Politics (2)
 An intensive examination of various issues in contemporary comparative politics, such as the nature of the state and the state-society dichotomy, political institutions, social movements, rights and identities, development and democratization.
 *** Prerequisite: One of PSCI 323, 324, 325 or permission of Department Head ***

PSCI 427 3:3-3
European Politics
 An examination and comparison of governments and political processes in Europe, particularly political cultures, parties, institutions, and relations between state and society in various European countries. While the focus will be on western Europe, the newly democratized countries of Central and Eastern Europe will also be studied.
 *** Prerequisite: One of PSCI 220 or 240 and one 300-level PSCI course or permission of the Department Head ***

PSCI 428 3:3-3
Politics and Policy in the European Union
 An examination of the European Union (EU) as a regional-level response to the pressures of globalization. The course will ask whether the EU's system of governance provides a democratic and environmentally-balanced approach to the pressures of globalization.
 *** Prerequisite: One of PSCI 220 or 240 and one 300-level PSCI course or permission of the Department Head ***

PSCI 431 3:3-0
Politics of Saskatchewan
 This course examines the government and politics of Saskatchewan. It emphasizes the changes that have occurred in the party system, structures of government, and the public service in the province during the past twenty years.
 *** Prerequisite: One of PSCI 331-338, or permission of Department Head ***

PSCI 433 3:3-3
Political Parties
 This course examines historical changes in the Canadian federal and provincial party system and organizations, as well as some party changes in Europe. Some of the specific issues that are addressed include: the emergence of a fourth party system, party decline, party financing, initiatives to enhance intra-party democracy, and the use of new media technologies.
 *** Prerequisite: One of PSCI 323-325, or 331-338; or permission of Department Head ***

PSCI 434 3:3-3
Politics and the Media
 This course examines in detail the structural and ideological aspects of the media in Canada and the world. Topics considered include the political economy of the media, its relationship to the political process and the internal structure of media institutions as they fulfill ideological functions.
 *** Prerequisite: A minimum of 3 PSCI classes at the 300- or 400-level, or permission of Department Head. ***

PSCI 436 3:3-0
Selected Topics in Public Policy
 An examination of the methodological and theoretical approaches to the study of the policy process and an analysis of selected policy issues.
 *** Prerequisite: One of PSCI 331, 333, 334, 336, 337, or 338, or permission of Department Head ***

PSCI 437 3:3-0
Selected Topics in Politics and the Environment
 An opportunity to analyze specific theoretical and empirical environmental issues confronting decision makers both in government and the corporate sector.
 *** Prerequisite: A minimum of three PSCI courses at the 300- or 400-level, or permission of Department Head. ***

PSCI 438 **3:3-3**
Selected Topics in the Canadian Constitution
 An advanced seminar on the major constitutional negotiations in Canada since WWII. This course places particular emphasis on the patriation of the Constitution in 1982.
 *** Prerequisite: PSCI 331 or permission of Department Head ***

PSCI 439 **3:3-3**
The Politics of Health
 This course examines the roles of the federal and provincial governments in the area of health policy. It traces the history of government involvement in medicare, workers' compensation, and occupation health.
 *** Prerequisite: A minimum of three PSCI courses at the 300- or 400-level, or permission of Department Head. ***
 * Note: Formerly numbered PSCI 339. Students may not receive credit for both PSCI 439 and PSCI 339. *

PSCI 440AA **3:3-3**
Topics in International Relations - Part I
 An advanced seminar on theories of the international systems and selected topics in international affairs.
 *** Prerequisite: One of PSCI 340, 341, 342, 344 or 345 ***
 * Note: PSCI 440AA together with PSCI 440AB are equivalent to PSCI 440. Students may not receive credit for both PSCI 440 and either of PSCI 440AA or 440AB *

PSCI 440AB **3:3-3**
Topics in International Relations - Part II
 An advanced seminar on theories of the international systems and selected topics in international affairs.
 *** Prerequisite: PSCI 440AA or Permission of Department Head ***
 * Note: PSCI 440AA together with PSCI 440AB are equivalent to PSCI 440. Students may not receive credit for both PSCI 440 and either of PSCI 440AA or 440AB *

PSCI 442 **3:3-3**
Theories of International Relations
 A study of the most important theories, approaches, concepts, and debates within the field of International Relations. Examining the connections between IR Theory and the actual events, both historical and contemporary, of world politics.
 *** Prerequisite: One of PSCI 340, 341, 342, 344, 345 or permission of the Department Head ***

PSCI 443 **3:3-3**
Selected Topics International Relations
 This course is a seminar in selected topics in International Relations. Topics covered in this course may include the following: current issues of world politics; ethics and international affairs; international conflict and security; history of international relations; and the international political economy.
 *** Prerequisite: One of PSCI 340, 341, 342, 344, 345 or permission of the Department Head ***

PSCI 451 **3:3-3**
Provincial Politics in Canada
 An examination and comparison of politics in selected Canadian provinces, including mechanisms of intergovernmental co-operation and federal provincial relations.
 *** Prerequisite: PSCI 331 or 333 or permission of Department Head ***

PSCI 452 **3:3-3**
Issues in Canadian Politics
 This course is a senior seminar, focusing on citizenship, identity, and democracy in the context of relevant political questions arising in the contemporary Canadian context. Students will consider theory, institutions and institutional reconfiguration, and democratic contestation.
 *** Prerequisite: PSCI 230 and one 300-level PSCI course. ***

PSCI 470 **3:3-3**
The Third World and Political-Economic Change
 An advanced seminar concerned with political, social, and economic change in selected underdeveloped countries; an investigation into the dynamics of underdevelopment and the nature of the world economy with a view toward assessing different theoretical conceptions of the relations of third-to first-(and second-) world countries.
 *** Prerequisite: One of PSCI 323, 324, or 325, or permission of Department Head ***

PSCI 480 **6:0-6**
Provincial Legislative Internship Program
 The study of Saskatchewan's provincial political institutions, politics, public policies, public management, and public administration through a combination of direct observations, directed readings, and research and analysis.
 ** Must be chosen by a Legislative Internship Selection Committee prior to registration. **
 * Note: All activities will take place at the Legislative Building in Regina. The internship runs for 6 months, from January to June. *

PSCI 490 - 495 **1-3:3-0**
Directed Readings - an AA-ZZ series.
 Courses designed for individual students.
 ** Permission of the Department Head is required to register. **

PSYC	Psychology
Faculty of Arts	Department of Psychology

Introductory Psychology is divided into two courses of 3 credit hours each. These two courses may be taken in either order but the full 6 credit hours must be completed prior to taking any other psychology courses. It is recommended that a student not register for Psychology 101 and Psychology 102 in the same semester. Students who have passed former PSYC 100 may not receive additional credit for either of PSYC 101 or 102, and they may take courses for which PSYC 101 and 102 are the prerequisite.

PSYC 101 **3:3-3**
Introductory Psychology A
 An introduction to the social science aspects of psychology, including the study of adjustment, disorders, development, personality and the social environment of the person.

PSYC 102 **3:3-1**
Introductory Psychology B
 An introduction to the natural science aspects of psychology, including the study of brain and behaviour, perception, learning, memory, cognition, motivation and emotion.

PSYC 204 **3:3-0**
Research Methods in Psychology
 A survey of research methods used in psychology. Students may be asked to participate in class research projects.
 *** Prerequisite: PSYC 101 and PSYC 102 ***

PSYC 210 **3:3-0**
Developmental Psychology
 A study of developmental processes across the lifespan; the interaction between environmental and biological processes; maturational and learning factors; how these interact with social influences in the developing person.
 *** Prerequisite: PSYC 101 and PSYC 102 ***

PSYC 220 **3:3-3**
Social Psychology
 The study of human behaviour in its social context dealing with the impressions we form of others and emphasizing the influence of group membership and interactions upon important psychological processes.
 *** Prerequisite: PSYC 101 and PSYC 102 ***
 * Note: Web delivered class sections may be subject to an additional \$50.00 material fee. *

PSYC 230 **3:3-0**
Perspectives on Personality
 An integrative course examining various perspectives on the study of the person.
 *** Prerequisite: PSYC 101 and 102 ***

PSYC 255 **3:3-0**
Biological Foundations of Behaviour
 An introduction to the structure and function of the nervous system. Emphasis is placed on the contributions a general understanding of fundamental brain mechanisms has made to contemporary theories of normal and abnormal behaviour.
 *** Prerequisite: PSYC 101 and PSYC 102 ***

PSYC 270 **3:3-0**
Human Information Processing
 A survey of theory and research findings in the areas of thought, skills, problem-solving, and expertise.
 *** Prerequisite: PSYC 101 and 102 ***

PSYC 305 Statistics in Psychology An examination of statistical principles and their application to the solving of research problems in psychology. This course reviews descriptive statistics and emphasizes univariate inferential statistics of both the parametric and non-parametric type. *** Prerequisite: PSYC 204 or SOST 201 *** * Note: Students who have completed both STAT 100 and 200 may not take this course for credit. STAT 100 and 200 will fulfill the major requirement. *	3:3-3	PSYC 355 Brain Mechanisms and Behaviour An examination of the neural mechanisms underlying a broad range of normal and abnormal behaviours. Emphasis is placed on the neural mechanisms underlying motivation and arousal, learning and memory, and mental disorders. *** Prerequisite: PSYC 255 ***	3:3-0
PSYC 310 Child Psychology An in-depth study of prenatal, infancy, early and middle childhood developmental stages, and the relationship of these stages to pertinent caregivers. *** Prerequisite: PSYC 210 ***	3:3-0	PSYC 356 Human Neuropsychology Theories and research concerning human brain-behaviour relationships and the effects of brain damage on behaviour will be examined. *** Prerequisite: PSYC 255 ***	3:3-0
PSYC 311 Adolescent Psychology An in-depth study of adolescent development with special reference to adolescent identity from a female and male perspective, and with attention to the relationship of physiological, cognitive, and sociological dimensions. *** Prerequisite: PSYC 210 ***	3:3-0	PSYC 371 Learning A survey of theory and research findings in the areas of human and animal learning. *** Prerequisite: PSYC 204, 270, and 305 ***	3:3-0
PSYC 320 Advanced Topics in Social Psychology A comprehensive examination of major topics, key issues, and current debates in social psychology. *** Prerequisite: PSYC 220 ***	3:3-0	PSYC 372 Memory A survey of theory and research findings in the area of memory and attention. *** Prerequisite: PSYC 204, 270, and 305 ***	3:3-3
PSYC 330 Psychology of Women An examination of the major theories, research methodologies, and data in the field of the psychology of women. Philosophical values of feminism and the psychological impact of women's historical roles in society will be considered throughout. *** Prerequisite: PSYC 101, 102, and two 200 level courses in the social sciences, or permission of the instructor ***	3:3-0	PSYC 374 Psycholinguistics A survey of theory and research findings in the areas of language acquisition and use. *** Prerequisite: PSYC 101, 102, and 270 ***	3:3-0
PSYC 333 Abnormal Psychology A comparative study of the nature and development of normal and disordered patterns of personality and behaviour. *** Prerequisite: PSYC 230 ***	3:3-0	PSYC 375 Perception A survey of theory and research findings in the areas of sensation and perception. *** Prerequisite: PSYC 204, 270, and 305 ***	3:3-3
PSYC 335 Psychology of Individual Behaviour and Interpersonal Relations A study of the relationship between the self-concept and social behaviour in terms of the theoretical formulations of motivation, attitude formation, and group process. *** Prerequisite: PSYC 220 and 230 ***	3:3-0	PSYC 381 The Psychology of Belief Systems A study of the relationship between beliefs as underlying assumptions and the political, religious, social, and scientific formulations and behaviours to which they give rise. *** Prerequisite: PSYC 230 and 270, or two 200-level courses in the social sciences *** ** Permission of the Instructor is required to register. **	3:3-0
PSYC 336 Humanistic Psychology A comprehensive examination of the major theorists and key issues in humanistic psychology. *** Prerequisite: PSYC 230 ***	3:3-0	PSYC 382 Consciousness Studies An in-depth examination of consciousness as it is viewed from a particular perspective in Psychology. Individual faculty will present current ideas and research on consciousness in their area of interest (e.g., Neuropsychology, Cognitive, Humanistic, Transpersonal, Non-Western, etc.). This is not a survey course. *** Prerequisite: PSYC 270, and at least one additional 200-level PSYC course, or permission of the Department Head ***	3:3-3
PSYC 337 Psychodynamic Psychology An examination of theories and issues in psychodynamic psychology. *** Prerequisite: PSYC 230 ***	3:3-0	PSYC 400 Honours Thesis in Psychology - an AA-CC series. A research thesis in psychology. *** Prerequisite: Completion of 90 credit hours including all required courses in psychology. PSYC 404 or 405 must either precede or be taken concurrently with PSYC 400. At the time of registration for the course, a student must have a GPA of at least 75% in all psychology courses and 70% in all courses that form part of the degree program. *** ** Registration is subject to the availability of thesis supervisors and must be approved by the Honours Committee. ** * Note: The required 6 credit hours may be taken in one semester (PSYC 400AC) or be spread equally over two consecutive semesters (PSYC 400AA/AB). *	6:3-0
PSYC 338 Motivation and Emotion A survey of theory and research findings in the areas of motivation and emotion. *** Prerequisite: PSYC 204 and 230 ***	3:3-0	PSYC 402 Methodology in Psychology and its Foundations in the Philosophy of Science An analysis of experimental designs in various areas of psychology as related to basic premises and recent developments in the philosophy of science. *** Prerequisite: Two 300-level courses in psychology ***	3:3-0
PSYC 340 Psychology and Environmental Change Mismatch between human activities and ecological maintenance processes causes many environmental problems. Psychology can thus be an important contributor to developing sustainable environmental practices. This class will review psychological theory and research on factors that influence environmentally responsible or irresponsible behaviour. *** Prerequisite: Psychology 101 or 102 and completion of 45 credit hours or permission of the instructor ***	3:3-3		

PSYC 404 3:2-1
Advanced Research Methods in Psychology
 Survey of methods of investigation used in the experimental approach to a variety of fields of psychology. Emphasis is on student participation in experiments, seminars, and discussion.
 *** Prerequisite: PSYC 204 and 305, and one additional 300-level course in psychology ***

PSYC 405 3:3-3
Advanced Statistics in Psychology
 Examination of models of analysis appropriate to psychology and related disciplines, emphasizing applications of analysis of variance, various non-parametric statistics and such topics as trend analysis and analysis of covariance.
 *** Prerequisite: PSYC 204 and 305, and one additional 300-level course in psychology ***

PSYC 406 3:3-0
History of Psychology
 A survey of the origins of modern psychology.
 *** Prerequisite: Two 300-level courses in psychology ***

PSYC 407 3:3-3
Systems in Psychology
 An examination of a variety of theoretical approaches and methodologies in contemporary psychology.
 *** Prerequisite: Two 300-level courses in psychology ***

PSYC 415 3:3-3
Selected Topics in Developmental Psychology - an AA-ZZ series.
 A seminar course dealing with current topics in developmental psychology.
 *** Prerequisite: PSYC 210 ***

PSYC 420 3:3-0
Advanced Social Psychology
 The study of psychological processes as they relate to social context and to interpersonal and group behaviour.
 *** Prerequisite: PSYC 320 ***

PSYC 435 3:3-0
Advanced Study of Personality
 A study of personality theories with emphasis on the theoretical assumptions and experimental, clinical, and social implications of various models.
 *** Prerequisite: PSYC 230 and 333 ***

PSYC 455 3:3-0
Selected Topics in Behavioural Neuroscience - an AA-ZZ series.
 An advanced seminar course dealing with current theories and research concerning neural organization and behaviour.
 *** Prerequisite: PSYC 355 or 356 ***

PSYC 460 3:3-0
Seminar in Applied Psychology
 An introduction to the practice and professional conduct of psychologists in various applied settings.
 *** Prerequisite: Two 300-level courses in psychology ***

PSYC 461 3:3-0
Tests and Measurement
 An introduction to theories of measurement and models of test construction. Topics include standardization, reliability, and validation procedures.
 *** Prerequisite: PSYC 204 and 305 ***

PSYC 490 - 495 3:3-3
Directed Reading and Research - an AA-ZZ series.
 Courses designed for individual students.
 ** Permission of the Instructor and the Department Head is required to register. **

PSYC 496 - 499 3:3-0
Current Topics in Psychology - an AA-ZZ series.
 Courses designed required for groups of senior undergraduates.
 *** The prerequisite will vary depending on the topic. ***

RDWT	Reading and Writing
Faculty of Arts	English Department – First Nations University of Canada

RDWT 120 3:3-3
Reading and Writing I
 Practice in fundamentals of critical reading and writing skills. This course prepares students to take ENGL 100.

RDWT 121 3:3-3
Reading and Writing II
 A continuation of RDWT 120.
 *** Prerequisite: RDWT 120 or permission of instructor ***

RLST	Religious Studies
Faculty of Arts	Department of Religious Studies

RLST 100 3:3-2
Introduction to Religious Studies
 An introduction to the academic study of religion; a survey of the thought and practices of major world religions; the impact of religion on society and culture.

RLST 181 3:3-3
Classical Chinese for Religious Studies
 This course provides an introduction to the Classical Chinese, used for readings of the texts of Confucianism, Taoism or Chinese Buddhism. Classical Chinese is also used for reading ancient scholarship in China dealing with the above areas.
 *** Prerequisite: CHIN 102 ***

RLST 184 3:3-3
Introductory Sanskrit for Religious Studies
 This course is an introduction to the classical Sanskrit languages. Emphasis will be on grammar, syntax, and elementary translation practice. This course is useful for students in South Asian religion (Hinduism, Buddhism and Jainism) and culture.
 * Note: Formerly numbered SANS 100. Students may not receive credit for both RLST 184 and SANS 100. *

RLST 186 3:3-3
Modern Hebrew
 This course provides an introduction to Modern Hebrew as spoken today in the State of Israel. Emphasis will be on written and spoken Hebrew. This course will be useful for students working in Contemporary Jewish thought. Students with a working knowledge of modern Hebrew will also be able to read biblical Hebrew as well as medieval texts.

RLST 188 3:3-3
Introductory Coptic for Religious Studies
 An introduction to Sahidic Coptic for reading knowledge. This course will be useful for students wishing to do detailed work in ancient Christian Gnosticism, and in late antique Egyptian Christianity.

RLST 203 3:3-3
Hinduism
 This course situates 'Hinduism' in the context of the culture of South Asia and examines texts, beliefs and ritual practices of various traditions which fall under the 'Hindu' rubric. The perspective is historical and social. This course also explores the impact of colonialism upon contemporary religious practice in India.
 *** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***
 * Note: Formerly numbered RLST 220 and RLST 260. Students may not receive credit for both RLST 203 and either of RLST 220 or RLST 260. *

RLST 207 3:3-3
Buddhism
 The course will provide a basic introduction to Buddhism, dealing with its origin, development, doctrines, and practices. Special emphasis will be given to developments in interpretation of the founder's teachings.
 *** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 221. Students may not receive credit for both RLST 207 and RLST 221. *

RLST 209 3:3-3

Japanese Religions

The course provides an overview of the major religious traditions of Japan from earliest times to the modern era: Shinto, Buddhism, Confucianism, Christianity and the New Religions. Topics to be explored include religion and the state, Buddhist-Shinto interaction, "this worldly" material benefits, pilgrimage and popular culture.

*** Prerequisite: Completion of 15 credit hours: RLST 100 is recommended. ***

RLST 211 3:3-3

East Asian Religions

An introduction to the essentials of the East Asian religious traditions. The course will deal with basic beliefs and practices of Confucianism, Daoism, and Chinese Buddhism, with the emphasis on their influence on the formation of such East Asian cultures as those of China, Korea, and Japan.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended ***

* Note: Formerly numbered RLST 222. Students may not receive credit for both RLST 211 and RLST 222. *

RLST 215 3:3-3

Religions of Greece and Rome

This course will examine the various religious practices encountered in the Archaic and Classical periods of Greece, the Hellenistic period in the Mediterranean world, and the religious practices of the Roman Empire. The religions will be studied primarily in connection with the categories of myth, symbol, and ritual.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 224. Students may not receive credit for both RLST 215 and RLST 224. *

RLST 219 3:3-3

Judaism

A survey of the principles of Judaism, their historical development, and their impact on the Jewish way of life.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 223. Students may not receive credit for both RLST 219 and RLST 223. *

RLST 227 3:3-3

Jesus the Christ

This course examines the centrality of Jesus the Christ for Christian practice and belief. Topics covered include the background to early belief in Jesus, his presentation in Christian scriptures, the development of Christian claims about him, as well as past and contemporary representations of him in ritual, theology and/or art.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 200. Students may not receive credit for both RLST 227 and RLST 200. *

RLST 228 3:3-3

Christianity

An introduction to the foundations of Christianity dealing with topics such as the centrality of the story of Jesus, its roots in Judaism, its sources of authority, characteristic practices, historical and theological development, major denominational families. Some contemporary issues may also be briefly outlined.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 225. Students may not receive credit for both RLST 228 and RLST 225. *

RLST 229 3:3-3

Themes of the Christian Bible

This course will explore the main themes of what is known as the Christian Bible (Old and New Testaments). Themes such as election, covenant, people of God, mission, creation, monotheism, grace, fidelity, prophecy, sin, judgement, messiah, and exodus will be considered.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 210. Students may not receive credit for both RLST 229 and RLST 210. *

RLST 241 3:3-3

Islam

An introduction to the foundations of Islam, including the life of the prophet Muhammad, the Qur'an, beliefs and practices, and the development of fundamental Islamic ideas and institutions. Emphasis will be placed on the contemporary faith of Muslims as they deal with these primary themes.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 226. Students may not receive credit for both RLST 241 and RLST 226. *

RLST 245 3:3-3

Biblical Literature - Hebrew Bible

A survey of the various books of the Hebrew Bible (Old Testament or Tanakh) from historical, literary, and theological perspectives.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered HUM 202. Students may not receive credit for both RLST 245 and HUM 202. *

RLST 248 3:3-3

Introduction to the New Testament

This course provides a historical survey of the New Testament from a religious studies perspective. It examines New Testament writing as a whole, and lays the groundwork for more detailed study of the Pauline literature, the Gospels, the Johannine literature, and other books of the New Testament.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered HUM 203. Students may not receive credit for both RLST 248 and HUM 203. *

RLST 249 3:3-3

New Testament in Literature and Art

Principal persons and events in the New Testament will be studied for their meaning in the New Testament context. Representations of these in painting, sculpture, music, and literature will be examined. Comparisons between the New Testament and the artistic representations will be explored.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

RLST 258 3:3-3

Orthodox Christianity

A survey of the historical and theological development of the Orthodox Church from Pentecost to the modern period. Particular attention will be given to the Seven Ecumenical Councils, the conversion of the Slavs, the differences with Rome and the West, the monastic contribution and influence, and the communist persecutions.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

RLST 267 3:3-3

Religion in Canada

This course is a survey of significant religious traditions in Canada, their intellectual background, development of their faith and practice, and their interaction with the Canadian context.

*** Prerequisite: Completion of 15 credit hours. RLST 100 or a course in Canadian history is recommended. ***

* Note: Formerly numbered RLST 250. Students may not receive credit for both RLST 267 and RLST 250. *

RLST 268 3:3-3

Cults or New Religious Movements

This course examines beliefs and practices of some emerging new religions including New Age, Wicca, Neo-paganism, Scientology, Unification Church, UFO groups, Solar Temple, Transcendental Meditation and Soka Gakai. The emphasis will be upon the historical roots and teachings of new religions, and issues related to their popularity and interpretation.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 276. Students may not receive credit for both RLST 268 and RLST 276. *

RLST 271 3:3-0

Religious Experiences and Psychological Perspectives

This course offers an opportunity to study a wide range of religious experiences from a variety of cognitive, ego- and trans-egoic psychological perspectives. Current research in such areas as social psychology, personality development, and parapsychology will be

considered in the search for alternative ways of describing or perceiving such experiences.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

RLST 273 3:3-0

Issues in Religion and Science

This course will examine the interface between religion and the natural and social sciences, beginning with a historical, methodological and philosophical overview. Current issues such as genetic engineering, population control, evolutionary theory, environmentalism, technology and values, and the ethics of scientific experimentation will be studied.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

RLST 275 3:3-0

Women in World Religions

This course surveys the role and religious experiences of women in various world religions. Lecture material will cover the accumulated traditional teachings on women and the feminine in each religion, with attention to specific historical developments. Contemporary scholars and issues will be highlighted with an emphasis on feminist methodologies.

*** Prerequisite: Completion of 15 credit hours. RLST 100 or WGST 100 is recommended. ***

RLST 281 3:3-3

Intermediate Classical Chinese for Religious Studies

An intensive continuation in the instruction of Classical Chinese language, with special emphasis on readings of the texts of Confucianism, Taoism or Chinese Buddhism.

*** Prerequisite: RLST 181 or permission of Department Head ***

RLST 284 3:3-3

Intermediate Sanskrit for Religious Studies

Emphasis will be on advanced grammar and translation practice in Sanskrit language. This course will engage students in reading selected excerpts from the Mahabharata, Hitopadesa and the Puranas. This course is useful for students in South Asian studies in religion, history, classics, and linguistics.

*** Prerequisite: RLST 184, or permission of Department Head ***

* Note: Formerly numbered SANS 101. Students may not receive credit for both RLST 284 and SANS 101. *

RLST 288 3:3-3

Intermediate Coptic for Religious Studies

An intensive continuation in the instruction of the Sahidic dialect of the ancient Coptic language, with special emphasis on the reading of actual ancient Coptic texts. Special emphasis will be placed on the Coptic Gnostic literature and on Egyptian Patristic apophthegmata.

*** Prerequisite: RLST 188 or permission of Department Head ***

RLST 290 3:3-3

Selected Topics - an AA-ZZ series.

Courses designed as required for groups of undergraduates.

*** Prerequisite: Completion of 15 credit hours. RLST 100 is recommended. ***

RLST 300 3:3-0

Theory and Methodology for the Study of Religion

This course will focus on fundamental theoretical and methodological issues pertaining to the academic study of religion. It includes an examination of selected theories of the origin, character, and function of religion as a human phenomenon. Students will be encouraged to apply class material to their particular areas of specialization.

*** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***

RLST 301 3:3-3

Religion After Modernity

This course will examine four different theoretical locations, postpatriarchy, postmodernism, poststructuralism and postcolonialism, which have emerged in the Academia since 1960. The process will be to analyze how each of these theoretical locations has impacted the study of religion.

*** Prerequisite: Completion of 30 credit hours. RLST 100 and RLST 300 recommended. ***

RLST 303 3:3-3

Deities: India

This course focuses on the role of gods, goddesses and other creatures in South Asian religion. Emphasis will be on the interrelationship of notions of the divine, colonialism, post-colonialism

and the gender dimensions of religious practice. Theories of myth and ritual as they apply to religious tenets will be explored.

*** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 330. Students may not receive credit for both RLST 303 and RLST 330. *

RLST 307 3:3-3

Zen Buddhism and its Contemporary Interpretations

This course examines the historical development of Zen techniques, Zen experience, and religio-aesthetic expressions such as poetry, painting, the tea ceremony, martial arts, gardening, and calligraphy. The course also explores the philosophical and psychological implications of Zen and its contemporary significance for inter-religious dialogue.

*** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 262. Students may not receive credit for both RLST 307 and RLST 262. *

RLST 311 3:3-3

Confucianism in East Asia

This course is an introduction to the basic ideas of Confucianism including its background and development; its concepts of the world, ethical values of its philosophy and its religious beliefs and practices. The impact of Confucianism on the East Asian societies in ancient and modern times is also covered.

*** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***

RLST 313 3:3-3

Daoism and the Contemporary World

An introduction to the basic teachings of Daoism, with special emphasis on the philosophical and religious thought of Lao Tzu and Chuang Tzu. The course will also examine the meaning of Daoism for today's world.

*** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***

RLST 315 3:3-3

Hellenistic Religions

This course will explore the religions of Hellenistic and Roman antiquity, including Judaism and Christianity as Hellenistic- Roman religions. It will do so with special reference to the social conditions that generated such diversity, and to which these religious expressions aimed to respond.

*** Prerequisite: Completion of 30 credit hours. RLST 100 or RLST 215 is recommended. ***

RLST 319 3:3-3

Contemporary Jewish Thought

The development and range of modern Jewish thought from Cohen to Baeck, Rozenzweig, Buber, Heschel, Kaplan and Plaskow. The Holocaust and its aftermath and the significance of the establishment of the State of Israel will be studied using Kook, Rubenstein, Fackenheim, and Maybaum. Gender issues will also be examined.

*** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***

* Note: Formerly numbered RLST 323. Students may not receive credit for both RLST 319 and RLST 323. *

RLST 322 3:3-3

Origins of Modern Antisemitism and the Holocaust

The religious and cultural roots of antisemitism and its manifestations in Western civilization: the rise of racist and political antisemitism in Europe; seminal issues in the history of the Holocaust; an analysis of the various political and cultural responses to the events of this period.

*** Prerequisite: One of RLST 219, 227, 228, 229, or 248, or permission of Department Head ***

* Note: Formerly numbered RLST 269. Students may not receive credit for both RLST 322 and RLST 269. *

RLST 327 3:3-3

Quests for the Historical Jesus

The course will introduce students to the modern quest to separate the historical, human Jesus from the theologically-motivated accounts of his behaviour and teaching in the earliest Christian gospels. The background of this "quest" and its key techniques, and recent scholarly reconstructions of the historical Jesus will be analyzed.

*** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***

RLST 328 Medieval Christianity This course will study the theological, cultural, spiritual, and institutional developments in the Western Church from the beginning of the Middle Ages to the Reformation. Special emphasis will be placed on the development of doctrine. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 243. Students may not receive credit for both RLST 328 and RLST 243. *	3:3-3	adaptations and tensions in Islamic faith and life resulting from the encounter. *** Prerequisite: Completion of 30 credit hours. RLST 100 or RLST 241 is recommended. *** * Note: Formerly numbered RLST 266. Students may not receive credit for both RLST 341 and RLST 266. *
RLST 329 Issues in Reformation Thought This course studies significant religious thinkers and issues of the Reformation era, with special reference to such figures as Martin Luther and John Calvin. Topics include original sin and salvation, free will and predestination, church-state relations, and the sacraments. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 244. Students may not receive credit for both RLST 329 and RLST 244. *	3:3-3	RLST 342 Islamic Philosophy, Theology, Law and Mysticism An examination of the development of the main streams of Muslim philosophy, theology, law, and mysticism. The contributions of major Islamic thinkers in these areas will be considered and their intellectual legacy will be assessed. *** Prerequisite: Completion of 30 credit hours. RLST 100 or RLST 241 is recommended. *** * Note: Formerly numbered RLST 326. Students may not receive credit for both RLST 342 and RLST 326. *
RLST 331 Modern Christianity This course covers the period from the Reformation to the 1950's, including responses to the rise of the natural and social sciences and the Industrial Revolution; fundamentalism, neo-orthodoxy. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 264. Students may not receive credit for both RLST 331 and RLST 264. *	3:3-3	RLST 345 Biblical Literature: Advanced Studies in the Hebrew Bible A comprehensive study of selected parts of the Hebrew Bible (Old Testament or Tanakh). This course will focus on the Pentateuch (the first five books), the historical books from Joshua through Kings, the prophetic literature, wisdom literature, and/or poetry. These will be studied from critical historical, literary and theological perspectives. *** Prerequisite: Completion of 30 credit hours. RLST 100 or RLST 245 is recommended. *** * Note: Formerly numbered HUM 204. Students may not receive credit for both RLST 345 and HUM 204. *
RLST 332 Contemporary Christianity Central issues in Christian thought since 1950, including secularism, Vatican II, the meaning of "God," liberation theology, the Third World theologies, feminist theology, theology and the environment, war and peace. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 265. Students may not receive credit for both RLST 332 and RLST 265. *	3:3-3	RLST 348 The Synoptic Gospels The course will focus on a study of the New Testament gospels and their sources, particularly the so-called "synoptic tradition"- the Gospels of Matthew, Mark, and Luke as well as their sources, both written and oral. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***
RLST 333 Liberation Theology This course studies recent Christian thought classified as "liberation theology": Black, feminist, Latin American, and the contextual "third world theologies" of Africa and Asia. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 325. Students may not receive credit for both RLST 333 and RLST 325. *	3:3-3	RLST 349 The Gospels and the Letters of John The course will focus on the distinctive "Johannine school," which produced the Gospel of John and the three epistles of John. Emphasis will be placed on the distinctive theology of this sect within Christianity, and the chequered history of its relations to both the Judaism and Christianity of its day. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 310. Students may not receive credit for both RLST 349 and RLST 310. *
RLST 334 Catholicism This course examines Catholicism as a collection of churches and as a tradition within Christianity. Topics covered include: origins, history and current transformations of Catholicism; characteristic emphases on sacramentality, mediation and community and how these shape the Catholic world view, its institutions, practices, beliefs, attitudes toward other groups, contemporary challenges. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***	3:3-3	RLST 351 The Life and Letters of Paul This course will focus on a study of the New Testament writings by and about Paul, including the "undisputed" Pauline letters (Romans, 1 and 2 Corinthians, Galatians, Philippians, 1 Thessalonians, and Philemon), the letters whose authorship is more questionable, and the narratives about Paul in Acts of the Apostles. *** Prerequisite: One of RLST 215, 219, 227, 228, 229, or 248, or permission of Department Head *** * Note: Formerly numbered HUM 205. Students may not receive credit for both RLST 351 and HUM 205. *
RLST 336 Christian Denominationalism in North America This course examines the development of Christian denominationalism in North America. Historical, phenomenological, and comparative approaches will contrast Catholicism, Orthodoxy, and Protestantism, and the development of North American Protestant groups. *** Prerequisite: Completion of 30 credit hours. RLST 100 or any RLST course in Christianity is recommended. *** * Note: Formerly numbered RLST 350. Students may not receive credit for both RLST 336 and RLST 350. *	3:3-3	RLST 352 The Birth of the Church The main emphasis will be on a study of the later New Testament writings: those which show the first signs of the church defining itself as an institution. These writings include especially Luke-Acts, the later pseudo-Pauline letters (1 and 2 Timothy, Titus), the so-called "general epistles," and the Apocalypse (Revelation). *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***
RLST 341 Islam in the Modern World This course explores the Muslim encounter with the modern age. It examines the traditional religious stance of the Islamic community, and the significant movements and influences that have affected it. It studies specific problems faced and decisions taken, and analyzes	3:3-3	RLST 355 Sacred Texts in Comparative Perspective A comparative survey and analysis of sacred texts in world religions, focusing on themes, authority, oral and written tradition, literary influence, and problems of translation, interpretation and cross-cultural encounter. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 314. Students may not receive credit for both RLST 355 and RLST 314. *

RLST 360 Religion and Popular Culture This course explores the relationship between religion and popular culture in various geographic locations including North America, India, China and the Caribbean. It examines the construction of 'religious' and mythological beliefs and rituals through visual culture and print media as well as through music, recreation (e.g., sport) fashion and tourism. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***	3:3-3	RLST 390 Selected Topics - an AA-ZZ series. Courses designed as required for undergraduate students. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***	3:3-3
RLST 363 Storytelling in Asian Religions This course will provide a survey of the stories told by Buddhists, Hindus, Confucianists, Daoists and the followers of Shinto in Japan. The aim of this course is to develop a deeper understanding of the religion and cultures of Asia and to explore the beliefs in popular religion. *** Prerequisite: Completion of 30 credit hours. RLST 100 or a RLST course on Asian Religion is recommended. ***	3:3-3	RLST 403 Studies in South Asian Religion - an AA-ZZ series. This course will explore some selected themes, movements and religious practices of South Asian religions (Hinduism, Jainism and Sikhism) such as philosophical systems, karma and rebirth, and ritual practice. It will also examine selected figures, myths and texts. *** Prerequisite: Completion of 60 credit hours. RLST 100 is recommended. ***	3:3-3
RLST 369 Religious Pluralism This course examines the major theories concerning religious pluralism. It also explores the various aspects related to interreligious dialogue in today's religiously pluralistic world. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***	3:3-3	RLST 407 Studies in Buddhist Thought - an AA-ZZ series. An examination of selected topics and movements in the history of Buddhist thought such as the Madhyamika doctrine of emptiness, the Hua-yen concept of interrelatedness, and the Zen teaching of absolute nothingness. Includes the study of significant texts and figures. *** Prerequisite: Completion of 60 credit hours. RLST 100 is recommended. ***	3:3-3
RLST 370 Mysticism in World Religions An examination of major mystical traditions both Eastern and Western, and an investigation of various theories concerning the phenomenon of mysticism. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***	3:3-0	RLST 411 Studies in East Asian Religions - an AA-ZZ series. An examination of selected topics, movements, and religious practices of East Asian religions, such as Confucianism and Taoism through the examination of selected figures, myths, and texts. *** Prerequisite: Completion of 60 credit hours. RLST 100 is recommended. ***	3:3-3
RLST 372 Myth, Symbol and Ritual This course is an introduction to the critical study of the categories of myth, symbol and ritual. To do this we will examine different theoretical approaches and engage myth, symbol and ritual as they emerge in a variety of cultural locations. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 274. Students may not receive credit for both RLST 372 and RLST 274. *	3:3-3	RLST 415 Studies in Religions of Greece and Rome - an AA-ZZ series. This course examines specific topics related to the religions of ancient Greece and Rome. It includes but is not limited to Minoan and Mycenaean religions, women's roles in ancient Greek and Roman religions, death practices, deities, festivals, initiation rites, religion of the Roman Arena, gender, and myth. *** Prerequisite: Completion of 60 credit hours. RLST 100 is recommended. ***	3:3-3
RLST 377 Goddesses and Women This course surveys the feminine elements in religion. Important goddesses from religious texts will be examined with an emphasis on contextualizing their worship and assessing their status. Selected religions in which women play major leadership roles and the intersection of motherhood and patriarchy with religion will be analyzed. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. *** * Note: Formerly numbered RLST 371. Students may not receive credit for both RLST 377 and RLST 371. *	3:3-3	RLST 419 Studies in Judaism - an AA-ZZ series. An examination of selected themes and movements in the history of Jewish thought such as Zionism, feminism, post-holocaust theology and God. Includes the study of significant texts and figures. *** Prerequisite: Completion of 60 credit hours. RLST 100 is recommended. ***	3:3-3
RLST 378 Gender in Ancient Christianity The course will explore the elaboration of images of "masculinity" and "femininity", "male" and "female", focusing on the relationship of these discursive entities to ancient Christian practices, goals, and notions of salvation, with a view to recovering how such constructs were used to fabricate a distinctive "Christian" identity. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***	3:3-3	RLST 427 Studies in Christianity - an AA-ZZ series. An examination of selected themes and movements in the history of Christianity such as feminism, peace movements, ecumenism and interreligious dialogue. Includes the study of significant texts and figures. *** Prerequisite: Completion of 60 credit hours. RLST 100 is recommended. ***	3:3-3
RLST 384 Advanced Readings in Sanskrit Literature for Religious Studies This course is designed to accommodate students who wish to develop their Sanskrit language skills beyond the 200-level. It is directed towards upper level undergraduate students and Master's students whose programs in religious studies require Sanskrit language acquisition. *** Prerequisite: Completion of 30 credit hours. RLST 100 is recommended. ***	3:3-0	RLST 441 Studies in Islam - an AA-ZZ series. An investigation of selected topics in the study of Islam such as Muslim fundamentalists, Islamic feminisms, the Qur'an and its interpretation, issues in Islamic history, legal interpretation and human rights, and relationships of Muslims with Christians, Jews and other religious groups. Includes the study of significant texts and figures. *** Prerequisite: Completion of 60 credit hours. RLST 100 is recommended. ***	3:3-3
		RLST 480 Selected Topics - an AA-ZZ series. Courses designed as required for groups of honours or qualifying-year students.	3:3-0
		RLST 490 Selected Topics - an AA-ZZ series. Courses designed for individual honours or qualifying-year students. *** Prerequisite: Completion of 60 credit hours. RLST 100 is recommended. ***	3:3-3

RLST 498 3:3-0
Honours Seminar
Honours seminar.
** Permission of the Department Head is required to register. **

RLST 499 3:3-0
Honours Essay
Honours essay.
** Permission of the Department Head is required to register. **

RPA	Real Property Assessment
Centre for Continuing Education	

RPA 010 0:0-0
Real Property Assess in Sask
An introduction to the assessment of real property in Saskatchewan: the assessment process, the assessment cycle, the functions of the assessor and appraiser, and issues in the governance of real property taxation. The course will provide an overview of the practice of assessment and the role of the assessor as well as sketch the larger governmental and social context within which the assessment function occurs.

SAUL	Saulteaux (Ojibway)
Faculty of Arts	Department of Indian Languages, Literature and Linguistics – First Nations University of Canada

SAUL 100 3:3-1
Elementary Saulteaux I
Introduction to Saulteaux: basic oral expression, grammar, and practice with electronic learning materials. No prior knowledge of Saulteaux is assumed.
* NOTE: Students with standing in SAUL 100 will not receive credit for SAUL 104. *

SAUL 101 3:3-1
Elementary Saulteaux II
A continuation of SAUL 100. Further grammar and oral practice of Saulteaux. This course completes preparation for SAUL 202
*** Prerequisite: SAUL 100 ***

SAUL 104 3:3-0
Saulteaux Grammar and Orthography I
This course is designed for students who seek grammatical and literary knowledge of Saulteaux. Emphasis is on writing in the standard Roman orthography and on grammatical structures.
* Note: Students with standing in SAUL 100 will not receive credit for SAUL 104. *

SAUL 105 3:3-0
Saulteaux Grammar and Orthography II
A continuation of SAUL 104. Further writing practice, grammar and an introduction to short compositions.
*** Prerequisite: SAUL 104 ***
* Note: Students with standing in SAUL 101 will not receive credit for SAUL 105. *

SAUL 111 3:3-3
Review of Introductory Saulteaux
A review of basic Saulteaux oral expression and grammar for students with standing in high school Saulteaux or equivalent Saulteaux language experience.
*** Prerequisite: Grade 12 Core Saulteaux or a placement test. ***

SAUL 150 6:9-3
Saulteaux Immersion I
This course will focus on listening and speaking skills by integrating linguistic functions with cultural knowledge. Students will acquire the level of competence needed to be functional within a relatively narrow range of familiar topic areas.
* Note: Students may receive credit for either SAUL 150 or SAUL 100 and/or SAUL 101. *

SAUL 202 3:3-0
Saulteaux Literature and Grammar
This course is a continuation and integration of the Saulteaux oracy and literacy skills introduced at the 100-level. Intermediate grammatical structures are introduced through oral practice and the study of oral and written literature.
*** Prerequisite: SAUL 101 or SAUL 105 ***

SAUL 203 3:3-3
Intermediate Saulteaux II
A continuation of SAUL 202. Further oral and written practice in Saulteaux. This course completes preparation for all senior Saulteaux courses.
*** Prerequisite: SAUL 202 ***

SAUL 206 3:3-0
Saulteaux Linguistics
Linguistic concepts for the scientific analysis of Saulteaux, with comparison to the closely related Algonquian language Cree. Application to language teaching.
*** Prerequisite: SAUL 101 or SAUL 105 or permission of the Department Head ***

SAUL 215 3:3-3
Interpretation I: Saulteaux-English
An introductory comparison of Saulteaux and English stylistics with practical exercises in interpretation, primarily from Saulteaux to English.
*** Prerequisite: SAUL 203. Fluency in Saulteaux is recommended. ***

SAUL 225 3:3-3
Saulteaux Transcription
This course will reinforce the standard roman orthography for Saulteaux and present ample opportunity to increase one's ability at transcribing spoken Saulteaux from both oral and audio-taped sources.
*** Prerequisite: SAUL 203 ***

SAUL 250 6:9-3
Saulteaux Immersion II
This course will bring participants to an intermediate level of proficiency. It will be complemented by examination and useage of grammatical structures, cultural elements, and the study of oral and written literature.
*** Prerequisites: SAUL 150 or SAUL 100 and SAUL 101.*** * Note: This course can be counted as an elective but cannot be used toward the main requirements of degree programs. * * Note: This course will also be available as a non-credit option for those outside the university community. *

SAUL 303 3:3-3
Saulteaux Public Speaking I
This course provides an opportunity for further listening and oral practice through group work, role play, debate and public address in Saulteaux.
*** Prerequisite: SAUL 203 ***

SAUL 305 3:3-0
Expository Writing in Saulteaux
Study and analysis of non-fiction literature in Saulteaux, such as biography, history, politics, news stories, narratives, and technical writing; practice in writing and revision.
*** Prerequisite: SAUL 203 ***

SAUL 310 3:3-3
Saulteaux Phonology
The study of the sound system and phonological processes of Saulteaux and related dialects with reference to contemporary phonological theory. Application to Ojibway writing systems.
*** Prerequisite: SAUL 206, or permission of Department Head ***

SAUL 311 3:3-3
Saulteaux Morphology
The study of the internal structure of Saulteaux words. Morphological processes of Saulteaux will be examined with reference to contemporary linguistic theory.
*** Prerequisite: SAUL 206 or permission of Department Head ***

SAUL 315 3:3-3
Interpretation II: English-Saulteaux
A continuation of SAUL 215, with further practical exercises in interpretation, primarily from English to Saulteaux.

*** Prerequisite: SAUL 215. Fluency in Saulteaux is recommended.

SAUL 325 3:3-3

Translation I: Saulteaux-English

A comparison of Saulteaux and English stylistics with practical exercises in written translation, primarily from Saulteaux to English.

*** Prerequisite: SAUL 225 ***

SAUL 330 3:3-0

Saulteaux Syllabics

Introduction to the Saulteaux syllabics writing system. Reading and writing in syllabics.

*** Prerequisite: SAUL 203 ***

SAUL 340 3:3-0

Oral Tradition of Saulteaux

Stories and legends on audio and video cassettes will be analyzed and transcribed by students. Storytelling sessions with students and elders. Visiting lectures will also be included in the course.

*** Prerequisite: SAUL 203 ***

SAUL 390AA 3:3-3

Adv. Wrting & Comp. of SAUL Syl

A continuation of SAUL 330. Saulteaux syllabics writing systems, reading and writing in syllabics.

SAUL 404 3:3-3

Saulteaux Public Speaking II

A continuation of SAUL 303, this course provides an opportunity for advanced listening and oral practice through group work, role play, debate and public address in Saulteaux.

*** Prerequisite: SAUL 303 ***

SAUL 405 3:3-0

Creative Writing in Saulteaux

Students will continue to practice writing techniques, compose original material in Saulteaux, and critique published materials as well as each other's work.

*** Prerequisite: SAUL 305 ***

SAUL 412 3:3-3

Saulteaux Semantics

The study of meaning as applied to the Saulteaux language. The investigation of meaning at the level of the morpheme, word, phrase and sentence. The exploration of Saulteaux semantic components, domains and roles. Meaning variation, context and pragmatics.

*** Prerequisite: SAUL 311 or permission of the Department Head ***

SAUL 413 3:3-3

Saulteaux Syntax

The study of grammatical morphology and word order in Saulteaux with reference to contemporary syntactic theory. The structure of Saulteaux phrases, clauses and sentences.

*** Prerequisite: SAUL 311 or permission of the Department Head ***

SAUL 425 3:3-3

Translation II: English-Saulteaux

A comparison of Saulteaux and English stylistics with practical exercises in written translation, primarily from Saulteaux to English.

*** Prerequisite: SAUL 325 ***

SAUL 480 3:3-0

Saulteaux Language Field Methods

Advanced survey of field method techniques, including the conducting of interviews, the gathering of linguistic material, and the recording, transcription, and translation of Saulteaux texts.

*** Prerequisite: SAUL 340 and at least two other SAUL courses at the 300-level or higher or permission of the Department Head ***

SAUL 490 - 495 1-3:3-0

Directed Research in Saulteaux - an AA-ZZ series.

Courses designed as required by senior undergraduates.

*** Prerequisite: Three 300-level Saulteaux courses ***

** Permission of the Department Head is required to register. **

SOC	Sociology
Faculty of Arts	Department of Sociology and Social Studies

SOC 100 3:3-1

Introduction to Sociology

This course introduces students to basic sociological concepts, debates, and modes of analysis. Through discussion of issues such as the cultural development of humans, the socialization process and the structures of global society, students will be introduced to the distinctive approach of sociology.

SOC 201 3:3-0

Globalization and Development

This course introduces students to sociological analyses and theories of the rise of global society. Specific topics may include issues such as the development of capitalist industrial societies, local and global inequalities, and the ways in which economic, technological, and political changes shape the world we live in.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 202 3:3-0

Cities and City Life

This course introduces students to classic and contemporary sociological analyses and theories of urban life. The course normally emphasizes urbanization and urbanism in Canada, but may also examine historical and cross-cultural aspects of urban life.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 203 3:3-0

Canadian Society

This course introduces students to issues of particular relevance to Canadian society. The course considers the historical origins and contemporary expressions of different topics, which may include such things as industrialization and de-industrialization, cultural industries, Canada's position within a global economy, and environmental issues.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 205 3:3-3

Contemporary Social Issues - an AA-ZZ series.

This course introduces students to variable topics in current research areas within the Department of Sociology and Social Studies.

Students should check with the Department to determine prerequisites and place within the major of any particular section of SOC 205.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

* Note: Formerly numbered SOC 204 for some topics. *

SOC 207 3:3-0

The "Nature/Nurture" Controversy

This course introduces students to social science debates over the origins and meanings of human nature and human behaviour, with specific emphasis on the nature/nurture controversy. The course focuses on 21st-century aspects of these debates, including sociobiology and evolutionary psychology in the context of their historical roots.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 208 3:3-3

Inequality and Social Justice

This course introduces students to sociological perspectives on issues of inequality and social justice. It analyzes the origins and consequences of social inequalities and the mechanisms by which they are perpetuated and challenged.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

* Note: Formerly numbered SOC 206. Students may not receive for both SOC 208 and SOC 206. *

SOC 209 3:3-0

Religion and Society

This course introduces students to sociological analyses and theoretical perspectives on the place of religion in modern society. The course focuses on issues such as secularization, fundamentalism, sects and cults, and Third World religious movements.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 210 3:3-0

Social Structure and Personality

The course introduces students to sociological perspectives on the human personality and the sociological conditions within which

personalities develop. The course covers classical theories as well as current debates and issues.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 211 3:3-0

Ethnic and Cultural Diversity in Canada

This course introduces students to Sociological analyses and theories of ethnic and cultural diversity, with an emphasis on contemporary Canada. Specific topics might include Aboriginal cultures in Canadian society, issues arising from conflicts between concepts of human rights and specific cultural practices, overt and systemic racism, and controversies about immigration.

*** Prerequisite: 12 credit hours or permission of the Department Head. ***

SOC 212 3:3-0

Gender

This course introduces students to sociological perspectives on gender in contemporary society. The course covers aspects of recent research and of current debates on femininity and masculinity, and provides a brief introduction to some classic and contemporary theoretical perspectives on gender.

*** Prerequisite: Completion of 12 credit hours or permission of department Head. SOC 100 is required for all majors in Sociology. ***

SOC 213 3:3-3

Families

This course introduces students to sociological perspectives on the family, with emphasis on issues of particular importance in contemporary Canadian society. Specific topics might include the impact of social change on family relationships, changing definitions of the family, children's rights, concepts of fatherhood and motherhood, and same-sex marriage.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 215 3:3-0

The Sociology of Crime and Criminal Justice

This course introduces students to sociological perspectives on the study of crime and justice. The course examines sociological concepts of deviance, punishment, and social control.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 217 3:3-0

Rural Societies

This course introduces students to classic and contemporary sociological perspectives on rural life. Topics include issues such as the impact of the global economy on rural societies, rural to urban migration, and social cohesion and social conflict within rural communities.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 222 3:3-0

The Sociology of Health

This course introduces students to sociological perspectives on health and illness. The course will examine the history of health care, including the Canadian Health Care System. Current debates over the future of Medicare will be examined, including the relative roles to be played by public and private systems.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 225 3:3-0

Technology and Society

This course introduces students to an analysis of the role of technology in modern society. Specific topics that the course might cover include the nature of technology practice, technological change, invention, patents and intellectual property, and ethical issues involving technology.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 230 3:3-3

Nature and Society

This course introduces students to social science perspectives on the relationship between society and the natural environment. The course analyzes the ways in which various kinds of people and human actions affect environments. Specific topics that might be covered in this course include sustainability, environmental conflicts, and environmental movements.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

SOC 247 3:3-3

Language Wars: Topics in Language and Conflict, with emphasis on the Canadian context

An in-depth study of official bilingualism in Canada. French as a social and political agent in Canadian nation building. The Office québécois de la langue française (OQLF) and French for general and specialized domains. Politics of official bilingualism, identity and integration. Other symbolic roles of language in Canadian society.

*** Prerequisite: Completion of 12 credit hours or permission of Department Head. SOC 100 is required for all majors in Sociology. ***

* Note: Cross-listed with French 247. Students may not receive credit for both Sociology 247 and French 247. Sociology majors should take Sociology 100 before taking French 247. *

SOC 285 3:3-3

Theories of Society

This course introduces students to the main theoretical paradigms in Sociology. The course focuses on the central issues and debates which have emerged in Sociological Theory, examining the theorists and theoretical concepts shaping the evolution of Sociology.

*** Prerequisite: 12 credit hours or permission of the Department Head. ***

SOC 295 3:3-3

Theories of Social Change

This course introduces students to theoretical models of social change and the rise of social movements responding to change. Societies are always in a state of change, but today change is rapid and relentless.

This course provides theoretical tools to understand the social, economic, political and cultural changes transforming today's world.

*** Prerequisite: 12 credit hours or permission of the Department Head. ***

SOC 300 3:3-0

Issues in Social Policy

This course examines the nature and development of social policies in Canada. It engages with debates about the meaning of social well-being, and how best to promote it locally, nationally, and/or internationally.

*** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 301 3:3-3

Origins of Modern Society

This course analyzes the social, political, and economic forces that gave rise to contemporary social conditions. The course includes an overview of different sociological explanations of social development and change.

*** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 306 3:3-3

Great Social Thinkers - an AA-ZZ series.

This course introduces students to detailed analytical reading in Sociology. Specific topics will vary, and may involve the work of a single social thinker, school of thought, or work. Students should check with the Department of Sociology and Social Studies for information on any specific section of SOC 306.

*** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

* Note: Formerly numbered SOC 305 for some topics. *

SOC 307 3:3-0

Sociology of Knowledge

This course introduces students to a detailed analysis of sociological perspectives on the social roots of knowledge and cultural life. It has a particular focus on the ideological main streams of thought in contemporary industrial society.

*** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 308 3:3-0

Issues of Power and Justice

This course focuses on sociological explanations of the ways in which societies create and maintain systems of stratification. The course places particular emphasis on the various theories of social class and power that have emerged from the Industrial Revolution to the present day.

*** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 310 3:3-0
Sociology of Work
 This course provides an overview of sociological perspectives on work in a globalized world. Specific topics that might be examined in this course include paid and unpaid work, alienation and resistance, and the ways in which class, gender, and race shape experiences and practices of work.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 312 3:3-0
Studies in Feminism
 This course analyzes feminist thought as both political practice and as academic discourse. The course examines different perspectives in feminist thought as they relate to other social theories and as they relate to political and social action.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 314 3:3-0
Studies in Development and Underdevelopment
 This course involves an analysis of development and underdevelopment. Students are introduced to various Sociological theories of development/underdevelopment through an analysis of specific topics. Topics might include specific world regions, particular theoretical issues, the concept of the development of underdevelopment, or other aspects of development/underdevelopment.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 315 3:3-0
Case Studies and Issues in Crime and Justice
 This course examines selected issues and cases in the field of Canadian crime and justice within the frameworks of traditional and contemporary criminological theory.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 318 3:3-0
Classical Social Theories
 This course provides an overview of the emergence and development of sociological theories in the 19th and early 20th centuries.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 319 3:3-0
Contemporary Social Theories
 The course provides an overview of the development of sociological theories through the 20th century into the 21st century.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 320 3:3-3
Myth, Meaning, and Modernity
 This class will explore myth as the "deep narratives" that form the basis of human groups, including the changes that modernization brings to systems of meaning and the social consequences of those changes.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 325 3:3-0
Science and Technology
 This course examines the interrelationship between science and technology on the one hand, and social norms and values on the other. Specific topics that might be covered include women and science, the environment, and the social impact of technology.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 330 3:3-3
Sociology of the Environment
 This course examines social theories, social concepts, and methodological issues related to the understanding of the environment in classical and modern sociological theory. Specific topics might include the social construction of nature, gender, class, race and the environment, sustainability, and the challenges of interdisciplinarity.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***
 * Note: Formerly numbered SOC 430. Students may not receive credit for both SOC 330 and SOC 430. *

SOC 390 1-3:3-0
Directed Readings and Research - an AA-ZZ series.
 Courses designed for individual students.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 396 1-3:3-0
Selected Topics in Sociology - an AA-ZZ series.
 Courses designed as required for groups of senior undergraduates. List and prerequisites vary according to specific topics covered.
 *** Prerequisite: One 200-level SOC course and completion of 30 credit hours or permission of the Department Head. ***

SOC 400 1.5:3-0
Honours Seminar
 A weekly seminar devoted to the discussion of special issues in sociology, the reports of research projects, and to the presentation of papers by both students and faculty.
 ** Permission of the Department Head is required to register. **

SOC 401 1.5:3-0
Honours Seminar
 A weekly seminar devoted to the discussion of special issues in sociology, to reports of research projects, and to the presentation of papers by both students and faculty.
 ** Permission of the Department Head is required to register. **

SOC 404 3:3-0
Honours Research
 A senior undergraduate research methods seminar with special focus on controversies in social science methodology.
 ** Permission of the Department Head is required to register. **

SOC 407 3:3-3
Issues in Modern Sociology - an AA-ZZ series
 This course examines topics that are important in contemporary Sociology. Specific topics will reflect research interests of members of the Department and will vary in different offerings. Students should check with the Department for more information about any specific section of SOC 402.
 *** Prerequisite: One 300-level sociology courses and completion of 60 credit hours or permission of Department Head. ***
 * Note: Formerly numbered SOC 340 for some topics. *
 * Note: Formerly numbered SOC 302. Students may receive credit for one of SOC 302 or SOC 402. *

Capstone Seminars in Sociology
 SOC 440, 450, 460 and 480 are capstone seminars. The aim of these seminars is to develop a more precise understanding of the theoretical and empirical aspects of particular sets of issues. These seminars may vary in specific topics and approaches. Social Studies (SOST) courses may be acceptable prerequisites for some seminars.

SOC 440 3:3-3
Theoretical Perspectives on Science, Culture, and Knowledge
 This senior seminar is a capstone class in which students analyze and reflect upon the major theoretical issues in Science, Culture, and Knowledge.
 *** Prerequisite: One 300-level course from Sociology List A and completion of 75 credit hours, or permission of Department Head ***

SOC 450 3:3-3
Theoretical Perspectives on Social Justice
 This senior seminar is a capstone class in which students analyze and reflect upon the major theoretical issues in Social Justice.
 *** Prerequisite: One 300-level course from Sociology List B and completion of 75 credit hours, or permission of Department Head ***

SOC 460 3:3-3
Theoretical Perspectives on Development and the Environment
 This senior seminar is a capstone class in which students analyze and reflect upon the major theoretical issues in Development and the Environment.
 *** Prerequisite: One 300-level course from Sociology List C and completion of 75 credit hours, or permission of Department Head ***

SOC 480 3:3-3
Issues in Social Theory
 This senior seminar is a capstone class in which students analyze and reflect upon the major issues in the development of social theory.
 *** Prerequisite: One 300-level course from Sociology List D and completion of 75 credit hours, or permission of Department Head ***

SOC 485 **3:3-3**
Sociological Imaginations
 This senior seminar is a capstone class in which students analyze and reflect upon major theoretical issues in sociology.
 *** Prerequisite: Two 300-level sociology courses or permission of the Department Head ***

SOC 490 **1-3:3-3**
Directed Readings - an AA-ZZ series.
 Courses designed for individual students.
 ** Permission of the Department Head is required to register. **

SOC 496 **1-3:3-0**
Selected Topics in Sociology - an AA-ZZ series.
 Courses designed as required for groups of senior undergraduates.
 ** Permission of the Department Head may be required to register in some offerings. **

SOC 499 **3:3-0**
Honours Paper
 Candidates for the Honours degree work with a committee to prepare an honours paper in accordance with the department's guidelines.
 *** Prerequisite: SOC 404. ***
 ** Permission of the Department Head is required to register. **

SOST	Social Studies
Faculty of Arts	Department of Sociology and Social Studies

SOST 110 **3:3-0**
Introduction to Mass Media
 This course introduces students to analyses of the mass media of communication in modern societies.

SOST 201 **3:3-1**
Statistics for the Social Sciences
 This course introduces students to the basic methods of statistics with applications to the social sciences.
 *** Prerequisite: Any 100-level course in the social sciences. ***
 * Note: Students may receive credit for only one of SOST 201, STAT 100 or STAT 160. SOST 201 is a prerequisite for some courses in other departments. Students doing double majors should be sure to take SOST 201 in sequence in order to receive credit for it. *

SOST 203 **3:3-0**
Introduction to Social Research Methods
 An introduction to the social research process and the ethical dilemmas faced by social scientists. A survey of the essential procedures for investigating social research problems, including writing literature reviews, stating testable hypotheses, specifying conceptual and operational definitions for relevant concepts, sampling, and selecting appropriate methods for data collection.
 *** Prerequisite: 12 credit hours or permission of the Department Head ***

SOST 220 **3:3-0**
The Status of Women in Contemporary Society
 This course analyses the status of women in global society as well as in local societies and cultures. Specific issues covered in this course might include such topics as: women's participation in political life, the impacts of development and economic change on women's lives, and issues of women's health.
 *** Prerequisite: Any 100-level course in the social sciences or permission of Department Head. ***

SOST 306 **3:3-1**
Applied Methods: Quantitative Approaches
 In this course, students will produce and analyze quantitative data, using a survey and other methods. Students will be introduced to computer programs and use these to assist in writing reports and papers that analyze the data. This class is intended for sociology majors.
 *** Prerequisite: One 200 or 300 level sociology course and SOST 203, or permission of the Department Head. ***

SOST 307 **3:3-1**
Applied Methods: Qualitative Approaches
 This course is a practical exploration of the principles and methods of qualitative analysis, including interviews, focus groups, participant observation, content analysis, and discourse and media analysis. Students will design and conduct a research project.

*** Prerequisite: One 200- or 300-level sociology course and SOST 203, or permission of Department Head. ***

SOST 377 **3:3-0**
Concepts of Time and Space
 This course is an interdisciplinary approach to the analysis of time and space as basic concepts and conditions in people's lives.
 *** Prerequisite: Four 200-level courses in one or two of the disciplines in the social sciences, the humanities, fine arts, education, and science, or permission of Department Head. ***

SOST 390 **1-3:3-0**
Directed Readings - an AA-ZZ series.
 Courses designed for individual students.
 ** Permission of the Department Head is required to register. **

SOST 396 **1-3:3-0**
Selected Topics - an AA-ZZ series.
 Courses designed as required for groups of senior undergraduates.

SOST 490 **1-3:3-0**
Directed Readings - an AA-ZZ series.
 Courses designed for individual students.
 ** Permission of the Department Head is required to register. **

SOST 496 **1-3:3-0**
Selected Topics - an AA-ZZ series.
 Courses designed as required for groups of senior undergraduates.
 ** Permission of the Department Head may be required to register in some offerings. **

SPAN	Spanish
Faculty of Arts	Department of International Languages

SPAN 100 **3:3-1**
Introductory Spanish I
 Focuses on the acquisition of basic skills of pronunciation, reading, writing, and conversation, for students with little or no Spanish experience. Includes instruction in basic grammar, syntax, and vocabulary for culturally appropriate interaction.
 *** Prerequisite: No previous background in Spanish. Refer to the Department of International Languages Section of the Undergraduate Calendar (How to Choose a Language) for details. ***
 * Note: Students may not receive credit for both SPAN 100 and SPAN 110. *

SPAN 101 **3:3-1**
Introductory Spanish II
 A continuation of the skill development started in SPAN 100. Emphasis on a variety of verb tenses and moods, as well as expansion of basic vocabulary.
 *** Prerequisite: SPAN 100 or Grade 12 Spanish, or permission of Department ***
 * Note: Students may not receive credit for both SPAN 101 and SPAN 110. *

SPAN 103 **3:3-1**
Spanish for Heritage Speakers I
 For students who have oral ability in Spanish but no formal study (students from Spanish speaking families). Focuses on the development of reading and writing skills, grammar, spelling and vocabulary expansion.
 ** Permission of the Department head is required to register. **
 * Note: Students who have taken SPAN 100, 101, or 110 will not be able to take 103 for credit. *

SPAN 110 **6:6-2**
Intensive Spanish for Beginners
 This course combines the material of SPAN 100 and SPAN 101.
 *** Prerequisite: No previous background in Spanish. ***
 * Note: Students cannot receive credit for SPAN 100 or 101, and SPAN 110. *

SPAN 200 **3:3-1**
Intermediate Spanish I
 Further development of oral and written skills through the intensive review and expansion of basic grammatical concepts and the expansion of vocabulary and culturally appropriate communication through oral activities, readings and compositions.
 *** Prerequisite: SPAN 101 or 110 or permission of the Department ***
 * Note: Students may not receive credit for both SPAN 200 and 210. *

SPAN 201 3:3-1
Intermediate Spanish II
 A continuation of Spanish 200.
 *** Prerequisite: SPAN 200 or permission of the Department ***
 * Note: Students may not receive credit for both SPAN 201 and SPAN 210. *

SPAN 203 3:3-1
Spanish for Heritage Speakers II
 A continuation of the skill development begun in SPAN 103. Stronger emphasis on grammar content, verb tenses, syntax, reading and writing.
 *** Prerequisite: SPAN 103 ***
 * Note: Students who have taken Spanish 200, 201, or 210 will not be able to take Spanish 203 for credit. *

SPAN 210 6:6-2
Intensive Intermediate Spanish
 This course combines the material of SPAN 200 and SPAN 201.
 *** Prerequisite: SPAN 101 or 110 or permission of the Department ***
 * Note: Students may not receive credit for SPAN 200 or SPAN 201, and SPAN 210. *

SPAN 215 3:3-3
Introduction to Hispanic Culture
 Expands on the cultural knowledge acquired in the Spanish language courses. An introduction to the Spanish-speaking regions of the world, and the study of some traditional distinctive features of Hispanic societies.
 *** Prerequisite: SPAN 200 or 203 ***

SPAN 290 3:3-3
Selected Topics in Hispanic Studies - an AA-ZZ series.
 Study of a selected topic or topics in Hispanic literature or culture.
 *** Prerequisite: SPAN 200 or 203, and SPAN 215 ***
 ** Permission of the Department may be required to register in some offerings. **

SPAN 300 3:3-1
Advanced Spanish I
 Continued development of oral and written communication. Emphasis is on the study of problematic points of grammar and idiomatic usages, as well as vocabulary expansion, through readings, compositions, presentations and class discussions.
 *** Prerequisite: SPAN 201, 203, or 210 ***

SPAN 301 3:3-1
Advanced Spanish II
 A continuation of Spanish 300.
 *** Prerequisite: SPAN 300 ***

SPAN 320 3:3-3
Spanish American Civilization
 This course examines the historical bases and cultural movements that formed the identity of Spanish Americans. Students are invited to amplify their language and analytical skills through an interdisciplinary study of the civilizations of Spanish Americans and the role they play in the community of nations.
 *** Prerequisite: One of SPAN 201 or SPAN 203, and SPAN 215, or permission of Department ***
 * Note: Formerly numbered SPAN 315. Students may not receive credit for both SPAN 320 and SPAN 315. *

SPAN 321 3:3-3
Spanish Civilization
 This course examines the historical bases and cultural movements that formed Spain. Students are invited to amplify their language and analytical skills through an interdisciplinary study of the civilization of Spain and the role it plays in the community of nations.
 *** Prerequisite: One of SPAN 201 or SPAN 203, and SPAN 215, or permission of Department ***
 * Note: Formerly numbered SPAN 415. Students may not receive credit for both SPAN 321 and SPAN 415. *

SPAN 390 3:3-3
Tutorials and Directed Readings in Spanish - an AA-ZZ series.
 These courses are designed to increase students' skills in reading, writing, comprehension and communication.
 ** Permission of the Department may be required to register in some offerings. **

SPAN 400 3:3-3
Selected Topics in Spanish Language
 Emphasis on study of advanced points of grammar, stylistics and idiomatic usage through reading, writing, translation and discussion.
 *** Prerequisite: SPAN 301 ***

SPAN 420 3:3-3
Spanish American Literature
 A study of the main literary trends and authors of Spanish America from the pre-Columbian period to the present through an exploration of their social, historical, ideological and aesthetical contexts. It is designed to encourage students' critical reading and further develop their language skills.
 *** Prerequisite: SPAN 320 or SPAN 321, or permission of Department ***
 * Note: Formerly numbered SPAN 416. Students may not receive credit for both SPAN 420 and SPAN 416. *

SPAN 421 3:3-3
Spanish Literature
 A study of the main literary trends and authors of Spain through an exploration of their social, historical, ideological and aesthetic contexts. It is designed to encourage students' critical reading and further develop their language skills.
 *** Prerequisite: SPAN 320 or SPAN 321, or permission of Department ***

SPAN 490 3:3-3
Advanced Tutorials and Directed Readings in Spanish - an AA-ZZ series.
 ** Permission of the Department may be required to register in some offerings. **

STAT	Statistics
Faculty of Science	Department of Mathematics and Statistics

STAT 051 - 054 0:0-0
Statistics Co-op Work Term #1
 Four-month co-op work term #1 approved by the department and arranged by the co-op coordinator.

STAT 100 3:3-0
Elementary Statistics for Applications
 An introduction to statistical methods; descriptive statistics; the normal distribution; basic techniques of statistical inference; confidence intervals and hypothesis tests for population means and proportions; simple linear regression.
 *** Prerequisite: Mathematics A30 ***
 * Note: STAT 100 and STAT 200 are designed to provide a year-long introduction to statistical methodology with a view towards applications and are not intended for majors in statistics, actuarial science, or any other program requiring a detailed knowledge of statistics. Students who receive credit for STAT 100 may not receive credit for STAT 160 or STAT 289. *

STAT 160 3:3-0
Introductory Statistics
 A comprehensive introduction to statistical methods; descriptive statistics; sampling distributions; basic techniques of statistical inference; confidence intervals and hypothesis tests for population means and proportions; inference for two categorical variables; simple linear regression.
 *** Prerequisite: Mathematics B30 and Mathematics C30 ***
 * Note: STAT 160 is designed to provide a comprehensive single semester introduction to statistical techniques and is intended for students majoring in statistics, actuarial science, or any other program requiring a detailed knowledge of statistics. Students who receive credit for STAT 160 may not receive credit for STAT 100 or STAT 200 or STAT 289. *

STAT 200 3:3-0
Intermediate Statistics for Applications
 A continuation of STAT 100; inference for two categorical variables; basic multiple linear regression; one-way and two-way analysis of variance; introduction to nonparametric methods; statistical process control; introduction to survey design.
 *** Prerequisite: STAT 100 ***
 * Note: STAT 100 and STAT 200 are designed to provide a year-long introduction to statistical methodology with a view towards applications and are not intended for majors in statistics, actuarial science, or any

other program requiring a detailed knowledge of statistics. Students who receive credit for STAT 200 may not receive credit for STAT 160 or STAT 289. *

STAT 251 3:3-0

Introduction to Probability

Basic notions of probability; discrete and continuous random variables; expectation; moment generating functions; joint discrete random variables.

*** Prerequisite: MATH 111, MATH 122, and one of STAT 160 or STAT 200 or STAT 289, with grades of at least 60%. ***

STAT 252 3:3-0

Introduction to Statistical Inference

Sampling distribution theory and the Central Limit Theorem; large sample theory; methods of estimation and hypothesis testing including maximum likelihood estimation, likelihood ratio testing, and confidence interval construction. *** Prerequisite: STAT 251 with a grade of at least 60%.***

STAT 289 3:3-0

Statistics & Numerical Analysis for Engineers

Probability; distributions; confidence levels; standard deviation; linear regression; statistical tests; finite differences; errors; numerical solutions of equations; numerical differentiation and integration.

*** Prerequisite: MATH 111 with a grade of at least 60% ***

* Note: STAT 289 is designed for engineering students. Students who receive credit for STAT 289 may not receive credit for STAT 100 or STAT 160 or STAT 200. *

STAT 351 3:3-0

Intermediate Probability

Multivariate random variables; conditioning; order statistics; the multivariate normal distribution; the Poisson process.

*** Prerequisite: MATH 213 and STAT 251 with grades of at least 60% ***

STAT 354 3:3-1

Linear Statistical Models

Simple linear regression; multiple linear regression; diagnostics and remedial measures for regression models; remedial measures and alternative regression techniques; multicollinearity diagnostics.

*** Prerequisite: STAT 252 with a grade of at least 60% and CS 110 ***

STAT 357 3:3-1

Sampling Theory

Simple random sampling; systematic sampling; stratified and cluster sampling; ratio and regression estimators.

*** Prerequisite: STAT 252 with a grade of at least 60% and CS 110 ***

STAT 362 3:3-1

Bayesian Statistics

An introduction to Bayesian methods; Bayesian inference for discrete random variables, binomial proportions, and normal means; comparisons between Bayesian and frequentist inferences; robust Bayesian methods.

*** Prerequisite: STAT 252 with a grade of at least 60% and CS 110 ***

STAT 384 3:3-1

Categorical Data Analysis

Odds ratio; two-way and higher-way contingency tables; Chi-squared tests of independence; loglinear and logit models; multinomial response models; models for matched pairs.

*** Prerequisite: STAT 252 with a grade of at least 60% and CS 110. ***

* Note: It is suggested that students register for STAT 354 concurrently if possible. *

STAT 386 3:3-1

Nonparametric Statistical Methods

Nonparametric statistics for data analysis including rank-based methods, bootstrap methods, and permutation tests; one-sample and two-sample methods; paired comparisons and blocked designs; tests for trends and association; smoothing methods and robust model fitting.

*** Prerequisite: STAT 252 with a grade of at least 60% and CS 110 ***

STAT 426 3:3-0

Survival Analysis

Life tables; survival distributions; types of censoring; estimation of and interface for basic survival quantities; proportional hazards regression model; planning and design of clinical trials.

*** Prerequisite: STAT 351 with a grade of at least 60% ***

STAT 441 3:3-0

Stochastic Calculus with Applications to Finance

Processes derived from Brownian motion; the Itô integral and Itô's formula; applications of Itô's formula in financial modelling, especially within the context of the Black-Scholes option pricing model.

*** Prerequisite: STAT 351 with a grade of at least 60% ***

STAT 451 3:3-0

Advanced Probability

Probability measures; distribution functions; sequences of random variables; characteristic functions; modes of convergence; convergence theorems; weak and strong laws of large numbers; Central Limit Theorem.

*** Prerequisite: STAT 351 with a grade of at least 60% ***

STAT 452 3:3-0

Advanced Statistical Inference

Detailed theoretical development of statistical inference; statistical models; exponential families; sufficiency; completeness; properties of point estimation; testing hypotheses and confidence regions; asymptotic properties of estimators. *** Prerequisite: STAT 351 and STAT 252 with grades of at least 60% ***

STAT 454 3:3-1

Applied Multivariate Analysis

Review of multivariate normal distribution; inferences about a mean vector; multivariate linear regression analysis; principal components; factor analysis; canonical correlation analysis.

*** Prerequisite: STAT 351 and STAT 354 with grades of at least 60% ***

STAT 456 3:3-0

Applied Stochastic Processes

An introduction to stochastic processes; Markov chains; Poisson processes; renewal processes; Brownian motion; simulation.

*** Prerequisite: STAT 351 with a grade of at least 60% ***

* Note: Credit can be earned for only one of STAT 456 and ACSC 456. *

STAT 471 3:3-1

Time Series Analysis

Types of time series; stationarity; autoregressive integrated moving average models; modelling and forecasting; parameter estimation; diagnostic checking; prediction; residual analysis.

*** Prerequisite: STAT 351 and STAT 354 with grades of at least 60% ***

STAT 485 3:3-1

Design and Analysis of Experiments

Theory and application of analysis of variance for standard experimental designs including blocked, nested, factorial, Latin square, and split-plot designs; fixed and random effects; multiple comparisons; analysis of covariance.

*** Prerequisite: STAT 351 and STAT 354 with grades of at least 60% ***

STAT 495 - 498 1-3:3-0

Directed Reading in Statistics - an AA-ZZ series.

Prior to the registration of the student(s), the instructor must present to the department head a detailed outline of the material to be covered, the method of delivery, and the method of evaluation.

STS	Science and Technology Studies (formerly History and Philosophy of Science)
Faculty of Arts	

STS 100 3:3-3

Science and Technology in Global Society

This course will explore the key social, cultural, ethical and political issues associated with the development of science and technology. The course will focus on sociological features of science and technology, the influence of these forces on contemporary society,

including discussion of the ethical challenges posed by technological development, and the social shaping of scientific and technological activities, products and systems used to serve the various interests within society.

STS 200 3:3-3

The Development of Modern Science

This class is a survey of the rise of science. The courses will focus on the precursors of the Scientific Revolution, the Scientific Revolution of the seventeenth century, the breakthroughs in chemistry and biology of the nineteenth century and revolutionary theories of the twentieth century that have radically changed our understanding of reality.

*** Prerequisite: Completion of 15 credit hours ***

* Note: Formerly numbered HPS 220. Students may not receive credit for both STS 200 and HPS 220. *

STS 230 3:3-3

Science and Technology in the Ancient World

This class surveys the origins of science in China, India, the Ancient Near East, and Europe to the fifth century CE.

*** Prerequisite: Completion of 15 credit hours ***

STS 231 3:3-3

Science and Technology in the Medieval World

This class surveys the development of science in China, India, Islam, and Europe from the fifth century CE to the Renaissance.

*** Prerequisite: Completion of 15 credit hours ***

STS 232 3:3-3

History of Astronomy

A survey of the development of astronomy, from its origins in the ancient civilizations of Babylon, Egypt, and Greece, to modern times.

*** Prerequisite: ASTR 101 or completion of 15 credit hours ***

STS 239 3:3-3

Scientific Biography - an AA-ZZ series.

A biographical, "lives in science" approach to the history of science. Accounts of selected scientific figures' lives are studied from various periods and cultures. Special attention is given to critical analysis and interpretation of scientific biographies, and to differing traditions in biographical treatment of scientists.

*** Prerequisite: Completion of 15 credit hours ***

STS 270 3:3-3

Theories and Methods in Science and Technology Studies

STS is an interdisciplinary field of study. This class introduces students to the major theories, methods, and approaches used in STS.

*** Prerequisite: Any STS course or completion of 15 credit hours. ***

STS 271 3:3-3

Science, Technology and Gender

This class examines the role of gender in the practice of science and technology. Issues include the history of women in, and exclusion from, science and technology, the feminist critique of science, and the gendering of technology.

*** Prerequisite: Any STS course or WGST 100 or completion of 15 credit hours. ***

STS 330 3:3-3

The Darwin Controversies

This class will examine the scientific, political, and religious controversies surrounding the theory of evolution from the nineteenth century to the present.

*** Prerequisite: STS 200 or completion of 30 credit hours ***

STS 331 3:3-3

Concepts of Matter, Time, Space, and Motion

Study of selected writings from antiquity to the present on the concepts of Geometry, Space, Time, Space-Time, Matter, and Motion.

*** Prerequisite: PHIL 241 or completion of 60 credit hours ***

* Note: Formerly numbered HPS 350. Students may not receive credit for both STS 331 and HPS 350. *

STS 370 3:3-3

The Rationality of Science

Controversy between rationalists (e.g., Popper, Lakatos) and non-rationalists (e.g., Kuhn, Feyerabend) regarding scientific methods, progress, objectivity, truth, knowledge and interest, ideologies and research traditions, and realism and antirealism.

*** Prerequisite: PHIL 241 or completion of 60 credit hours ***

* Note: Formerly numbered HPS 341. Students may not receive credit for both STS 370 and HPS 341. *

STS 371 3:3-3

Philosophy of Biology

An examination of a range of philosophical questions concerning the theory of evolution: the debate between evolutionism and creationism; questions concerning fitness, adaptationism, the units of selection, systematics, sociobiology, and evolutionary ethics; questions such as: are there laws in biology? Is biology reducible to physics?

*** Prerequisite: STS 330 or one 200-level philosophy course (PHIL 241 is recommended) or completion of 30 credit hours ***

STS 372 3:3-3

Issues in Cognitive Science

An examination of the various theories that have influenced psychological and computational theorizing, leading to an appreciation of the interdisciplinary connections uniting different areas of cognitive science.

*** Prerequisite: PSYC 270 or PHIL 231 or completion of 30 credit hours ***

STS 373 3:3-3

Technology in the Non-Western World

This class will examine the nature and role of technology in both traditional cultures and developing societies. This will be done in context of the alternative values and social institutions that exist in those societies. Issues involving globalization and technology transfer will also be addressed.

*** Prerequisite: One 200-level STS course or permission of the STS coordinator ***

STS 400 3:3-3

Theoretical Perspectives on Science and Technology

This senior seminar is a class in which students analyze and reflect upon the major theoretical issues in STS.

*** Prerequisite: STS 200 and one other 200- or 300- level STS course, or permission of the STS coordinator ***

SW	Social Work
Faculty of Social Work	

Successful completion of 30 university credits (including transfer credit) is a prerequisite to register in all 300- and 400- level Social Work courses. This prerequisite does not apply to First Nations University of Canada or Yukon BSW students

SW 100 3:3-0

Introduction to Social Welfare and Social Work

An exploration of social issues confronting the state, social welfare agencies and social workers in addressing and responding to structural inequalities and human need. Will also consist of an introduction to the functions of social work in Canada and the roles carried by social workers in delivering services.

* Note: SW 100 should be taken as the first Social Work course. SW 100 is a required course for the completion of the BSW program. SW 210 satisfies this requirement. Web delivered class sections may be subject to an additional \$50.00 material fee. *

SW 200 3:3-0

Introduction to Social Work

This course introduces students to the philosophical and practical basis of social work in the Indian and non-Indian community. Attention will be given to the values, concepts, and ethics involved in social work. There will also be an overview of the areas in which social workers become involved and an introduction to the role of the social worker.

SW 202 3:3-0

Critical Issues/Critical Thought

This course examines the foundations of critical thinking with application to social work issues in such areas as poverty, health determinants, child welfare and violence.

SW 210 3:3-0

Explorations in Social Work

An examination of the nature and functions of the principle areas of social work in Canadian society. The variety of roles carried by social workers in these services will also be studied. The student will also be exposed to a variety of issues in social work through a volunteer placement in the human services field in addition to classroom time.

* Note: SW 210 has a 4 hour per week volunteer component. *

SW 301 - 309 **3:3-0**
Selected Topics - an AA-ZZ series.
 Course designed by the faculty, as required for groups of students.

SW 346 **3:3-0**
Social Work Practice I
 An examination of the principles, concepts and skills related to social work intervention with individuals, families, groups and communities. This course emphasizes a general systems approach to social work practice, providing a framework for generalist intervention.
 *** Prerequisite: Completion of 30 credit hours. ***
 ** Note: Must be taken prior to or concurrently with SW 347. For Yukon SW programs, SW 346 is a prerequisite for SW 347. **

SW 347 **3:3-0**
Social Work Practice II
 This course aims to develop an understanding of the characteristics of organizations, institutions and communities. Students will gain knowledge about practice theories and will begin to develop/enhance the social work skills used in various practice settings. Students will think critically about structural responses to social distress.
 *** Prerequisite: SW 346. Concurrent enrolment is allowed. ***

SW 348 **6:1-0**
Social Work Practicum I
 Required of all students. Practicum is designed to meet specifically identified individual learning needs of each student. SW 348 is 195 hours or the equivalent of two days per week. SW 348 is designed to be taken with other classes over the course of the 13 week semester. Graded on a pass/fail basis. No mid-term break. Qualifying students are not eligible to register for SW 348.
 *** Prerequisite: Completion of SW 390 and 12 other social work credit hours. SW 348 to be taken concurrently with or following SW 346 (completed SW 346 can be included in the 12 completed social work credit hours). ***
 * Note: All students must have a minimum GPA of 70% on the social work portion of the BSW to be eligible to register for SW 348. CSW students require a minimum GPA of 70% on all courses taken up to the point of application. *

SW 350 **3:3-0**
Anti-Oppressive Social Work Practice
 The aim of this course is to unravel the underlying threads of multiple oppressions and the intersection of various sources and forms of oppression. The course will focus on anti-oppressive theory, laws, actions, advocacy, the Canadian Association of Social Work Code of Ethics and their application to social work practice and policy.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 352 **9:9-0**
Cultural Camp
 This course is intended to provide students with an opportunity to learn about traditional Indian values, philosophy, spirituality, and ceremonies. Included is a one-week experiential camp under the direction of Indian elders.
 *** Prerequisite: SW 389 ***

SW 383 **3:3-0**
Issues in Gender Relations
 The changing social construction of gender is explored through a critical, historical, and comparative lense with an emphasis on how gendered social, political, and economic power impacts upon our work, relationships, health and language. The ultimate goal of the course is to promote non-sexist social work practice and social policy.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 389 **3:3-0**
Human Relations
 Introduces students to the philosophy and practice of human relations primarily from an Indian cultural worldview. From this perspective, students will examine the principles and dynamics of self-awareness and personal development of interpersonal relationships and communications within family and community, with other tribes, nations, peoples, and with the environment.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 390 **3:3-0**
Communication Skills in Social Work Practice
 An introduction to communication theory and skill development. Emphasis will be placed on helping the student increase his/her competence as a communicator. The course will be taught primarily in a laboratory style. Video tape practice sessions are required

between classes to develop communication skills. Restricted to Social Work students only.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 402 **3:3-0**
Social Work Practice and Human Sexuality
 This course addresses sexual health in a comprehensive manner enabling students to explore how human sexuality relates to their personal functioning and the influence of socialization on the development of attitudes, values and behaviours. Cultural, social, legal, political and spiritual aspects of sexual health will be examined.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 403 **3:3-0**
The Dynamics of Death and Terminal Illness
 This course deals with the emotional impact of serious illness on people, their families, and helping professionals. The role of the social worker in assessing and facilitating coping skills will be explored through the use of case examples.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 405 **3:3-0**
Social Work with Aboriginal Peoples
 This course will investigate conceptual and practice materials that will help human services professionals understand the social structures and foundations within indigenous cultures. Government and legal processes, values bases, economic factors, and policies will be examined. The ethics of interventions across cultural lines will form a part of the course activity, as well as issues such as racism and the position of women and children in relation to reserve and city life.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 407 **3:3-0**
Women's Studies for Social Workers
 This course presents a feminist analysis of institutional and multiple oppression of women. Work and family issues as well as the implications for social work policy and practice are emphasized. Women's responses, including their collective efforts to make change, will also be considered.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 410 **3:3-0**
Work, Unemployment and Social Work
 This course is designed to help students understand the relationship between unemployment, work, and labour market issues, and social welfare policy and social work practice. The class draws on a range of social, economic and political theory and data, and seeks to relate them to everyday issues of practice.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 411 **3:3-0**
Issues Related to Abuse and Violence
 This course will focus on: 1) physical, emotional, and sexual abuse perpetrated by persons in positions of trust on less powerful individuals; and, 2) sexual assault by strangers. Individual, community-based, and societal responses to all individuals involved (victims, perpetrators, family members) will be explored. The roles played by the helping professionals in the social service, legal, medical, criminal justice fields as well as lobby groups and support services will be discussed.
 *** Prerequisite: Completion of 30 credit hours. ***
 * Note: Recommend that students have completed one or more of SW 383, 407, 414, and 437 before registering for this course. *

SW 412 **3:3-0**
Mental Health Services
 An examination of the structure and function of mental health services in society with particular reference to their historical, ideological and theoretical foundation and some current issues, problems and trends.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 414 **3:3-0**
Social Work Practice in Child Welfare
 This course will focus on the field of child welfare and specifically on the roles played by social workers in child welfare. Emphasis will be placed on the current national and provincial governing child welfare practice and current issues facing child welfare service delivery.
 *** Prerequisite: Completion of 30 credit hours. ***

SW 415 **3:3-0**
Poverty, Human Service and Social Welfare
 This course will: examine the values, ideological and structural issues, and principles underlying the poverty issue in a historical context;

critically assess the effectiveness of different income security provisions in Saskatchewan and elsewhere; and, explore the means by which social workers and social welfare as an institution deal with poverty and related concepts such as equality, equity, fairness, etc.
*** Prerequisite: Completion of 30 credit hours. ***

SW 416 3:3-0
Aging

This course considers social work practice, research, education, and policy with seniors. Attention will be on the majority living in the community as well as the small minority who are institutionalized. Adaptation of generic social work skills in effective intervention with and on behalf of seniors will be examined.
*** Prerequisite: Completion of 30 credit hours. ***

SW 417 3:3-0
Alcohol and Other Drug Abuse

This course will discuss alcohol and other drugs in terms of their effects on individuals, families, and society.
*** Prerequisite: Completion of 30 credit hours. ***

SW 418 3:3-0
Social Work with Multicultural Communities

Issues in multiculturalism within Canadian society and social work practice and policy are the focus of this course. Topics covered include various theoretical perspectives on multiculturalism, religious diversity and issues of systemic oppression. Experiences of immigrants and refugees, including barriers to integration, are considered.
*** Prerequisite: Completion of 30 credit hours. ***

SW 419 3:3-0
Social Work in Rural Settings

Rural social problems and issues as well as the political and economic settings in which they occur will be explored. Theories and concepts useful in the performance of rural social work will be a major focus.
*** Prerequisite: Completion of 30 credit hours. ***

SW 420 3:3-0
The Legal Environment of Social Work Practice

The practice of social work has long been intertwined with the practice of law and the legal systems of society. This course will review legislation pertinent to social service programs that govern the professional practice of social work, and the duties and obligations of social workers giving evidence before legal tribunals.
*** Prerequisite: Completion of 30 credit hours. ***

SW 421 3:3-0
Human Growth and Behaviour

This course considers major biological, psychological, social and cultural factors of normal growth and behaviour throughout the life cycle. Fundamental ideas from a range of theories pertinent to various practices of social workers will be reviewed. Emphasis in the course is placed on the individual's continuing adaptation as a person in families, groups, organizations and communities.
*** Prerequisite: Completion of 30 credit hours. ***

SW 425 3:3-0
Social Work Practice with Groups

This course will provide students with an introduction to group work theory and practice. This course will provide the student with a beginning level of understanding group work theory and the development of beginning level group work skills.
*** Prerequisite: Completion of 30 credit hours. SW 346 is recommended. ***

SW 427 3:3-0
Expressive Arts and Play

This is an interdisciplinary course that introduces art, dance, drama, music, narrative and play as expressive approaches to work within the helping professions. Emphasis in this course is on the use of expressive arts and play as a means of communication for a broad cross section of the population.
*** Prerequisite: Completion of 30 university credits. ***

SW 437 3:3-0
Social Work with Families

This course is an introduction to understanding and working with families. Emphasis is on the family as a system progressing through the family life cycle. Several dimensions of family functioning will be discussed. Students will be exposed to various approaches to family practice.

*** Prerequisite: Completion of 30 credit hours. SW 346 is recommended. ***

SW 438 3:3-0
Interdisciplinary Approaches to Human Service Practice

Attention will be given to functions and responsibilities of various professionals using a multi-disciplinary approach. Topics covered will include: assessment and diagnosis of behavioral, emotional and learning disorders, treatment approaches, professional roles, use of community resources, and evaluation of outcome in therapy. Case studies will be used to illustrate important principles.
*** Prerequisite: Completion of 30 credit hours. ***

SW 440 3:3-0
Counselling Theories and Skills

This is a survey of several counselling theories and approaches with specific emphasis on their application. The course will look at the counselling relationship and the counselling process in a variety of help situations. From a generalist orientation, focus will be on the social worker in the role of counsellor, both with individuals and groups.
*** Prerequisite: Completion of 30 credit hours. ***

* Note: This course should be taken either after or in conjunction with SW 390 and SW 346. *

SW 448 15:3-0
Social Work Practicum II

This is a required course for all students. Students, with support of agency supervision, will become directly involved in social work services, systems within the community, and experience socially responsible professional practice. Seminars assist in the integration of theory and practice by broadening the professional knowledge base through sharing of experience and knowledge.

*** Prerequisite: SW 100, 346, 347, 348, 350, 390, 451, 460, and SW 469 ***

** All students must have a minimum GPA of 70% on the social work portion of the BSW to be eligible to register for SW 448. CSW students require a minimum GPA of 70% on all courses taken up to the point of application. Request a permission override from the department. **

* Note: Practicum is the equivalent of 16 weeks full-time, including a mandatory skills review laboratory which is held prior to the field placement. A part-time practicum may be arranged. Graded on a pass/fail basis. No mid-term break. *

* Note: Effective September 1, 2007, SW 100 is required for successful completion of the BSW program. SW 100 satisfies the SW 100 requirement. *

SW 450 3:3-0
Community Work in Generalist Practice

This course examines the principles, concepts, values, traditions, processes, and practices of community work locally, nationally and internationally. It explores options and strategies open to the social worker to mobilize resources and enhance community autonomy.
*** Prerequisite: Completion of 30 credit hours. ***

SW 451 3:3-0
Introduction to Human Service Research

Students will examine research and methodology specific to contemporary social work and social welfare studies. Attention is given to outcomes, statistical analysis, and other research procedures, as well as applications for social work practice and agency policy decisions.

*** Prerequisite: Completion of 30 credit hours. ***

* Note: Not recommended as a first social work course. Web delivered class sections may be subject to an additional \$50.00 material fee. *

SW 460 3:3-0
Ethics in Social Work

This course is designed to sensitize students to the central role of ethics in modern Social Work practice. The course deals with the theory and value foundations of Social Work practice, the issue of the relation between the diverse value systems in Canadian society and Social Work values, and the major ethical dilemmas and issues in Social Work practice.

*** Prerequisite: Completion of 30 credit hours. ***

SW 465 3:3-0
Program Development and Service Delivery Systems

This course considers social policy as a field of study and practice for social workers, the development of social policy as well as characteristics, functions and processes common to human service

organization and delivery systems. A base for understanding the interaction of the values, structures, purposes, services, and policies will be provided through student reading and research as well as by resources provided by the instructor. Canadian and international approaches.

*** Prerequisite: Completion of 30 credit hours. ***

SW 468 3:3-0
History of Social Services

Aspects of the history and philosophy of social welfare with a focus on the legacy of the poor law era as reflected in early Canadian health and welfare systems. Consideration of the values and ethical base of the social services and profession of social work.

*** Prerequisite: Completion of 30 credit hours. ***

SW 469 3:3-0
Contemporary Social Welfare Policy

This course focuses on the relationship between post-World War II social policy and the western Welfare state, examining the links between economic, political, and ethical views of society and outcomes in response to human needs. Consideration will be given to current social policy trends and their implications for social service programs and Social Work practice.

*** Prerequisite: Completion of 30 credit hours. ***

SW 470 3:3-0
Social Work in Health Settings

The course will focus on the knowledge, attitudes, and skills social workers need in order to practice effectively in health care settings. Case studies will be utilized to illustrate the intricacies of issues in health care and to encourage critical analysis by students.

*** Prerequisite: Completion of 30 credit hours. ***

SW 475 3:3-0
Social Work and Social Change

This course examines problems of social change associated with traditional human service policy and practice, and explores alternate ways to bring about social change, with a focus on advocacy, political change, and social movements.

*** Prerequisite: Completion of 30 credit hours. ***

SW 479 3:3-0
Disability Issues in Saskatchewan: Independent Living in Policy and Practice

The objective of this course is to increase the disability awareness of social work practitioners, to provide an overview of disability issues in Saskatchewan, and to provide information on key resources and effective social work roles.

*** Prerequisite: Completion of 30 credit hours. ***

SW 480 3:3-0
Selected Topics - an AA-ZZ series.

Course designed by the faculty, as required for groups of students.

SW 482 3:3-0
International Themes in Social Work and Social Welfare

This course will examine the historical development and present status of international social welfare and social issues with a special emphasis on the developing world. International approaches and responses to human needs/rights will be considered. An analysis of the development, under-development, and consideration of responses to international social welfare needs and issues will be made. This would include, for example, the role of the United Nations, bi-and multi-lateral.

*** Prerequisite: Completion of 30 credit hours. ***

SW 484 3:3-0
Community Practice Project

This course is designed to develop community organizing skills through the development and implementation of a short community project. The course integrates theory and skill development using a teamwork approach.

*** Prerequisite: Completion of 30 credit hours. SW 450 or SW 475 is recommended. ***

SW 485 - 490 3:3-0
Selected Topics in Research - an AA-ZZ series.

Individual or group practice in developing viable research proposals, analyzing specific problems in social work, and carrying through library and/or field research projects.

SW 495 - 499 1:3:3-0

Individual and Group Inquiries

Tutorials, directed readings, "learning contracts", and other agreements stipulating specified objectives negotiated between an instructor and individual students or groups of students.

*** Prerequisite: Completion of 30 credit hours. ***

THEA	Theatre
Faculty of Fine Arts	Theatre Department

THEA 100 3:3-0
Introduction to Theatre

An introduction to the various aspects of theatre including performance and production, the play script, history, theory and criticism.

THEA 120 3:3-3
Introduction to Stagecraft

A hands on introduction to basic production techniques; scenic carpentry, painting and 3D construction. Skills will be applied to projects conceived and realized by the class.

THEA 121 3:3-0
Introductory Theatre Design

An introduction to the practices, aesthetics and techniques of contemporary stage set, costume and lighting design. While there is no skill level or studio prerequisite required for this course, the course will cover collage, and 2 and 3 dimensional rendering techniques.

THEA 130 3:3-3
Introduction to Costume Construction

An introduction to the craft of costume construction, pattern drafting, sewing techniques, mask making and their application to theatre costume. Skills may be applied to projects conceived and realized by the class.

THEA 140 3:3-0
Introduction to Stage Management

A study of basic techniques used by the stage manager, including assembling the prompt book, rehearsal and performance procedures, equipment.

* Note: Offered in fall semester. *

THEA 150 3:3-0
Dramaturgy I

An introduction to the fundamentals of play analysis with an emphasis on modern and post-modern texts. The course will explore the dynamic of the relationship between script, stage, and audience.

THEA 160 3:3-0
Introduction to Acting

A basic course in actor development that focuses on exploring the acting problem through theatre games, character study, and ensemble playing.

THEA 222 3:3-0
Elementary Scenography

An introduction to scenography through studio practice. This course introduces the student to the idea of transforming and resolving scenic space through an exploration of text and imagination. Model making, thumbnail sketching and elementary manual drafting are taught through paper projects that explore black box and arena staging.

* Note: Offered in winter semester. *

THEA 231 3:3-0
Elementary Costume Design

An introduction to costume design through studio practice. The class will place emphasis on developing the vocabulary of the designer, developing a visual response to the text, and various creative methods of 2 (and possibly 3) dimensional rendering the costume sketch will be explored.

* Note: Offered in winter semester only. *

THEA 238 3:3-0
Style and Social Thought

This course examines the connections between sociopolitical, economic and cultural forces and how these influences affect aspects of style in fashion, architecture, interior design and personal accessories. The class will focus on major movements from the Renaissance to the present.

* Note: Offered in the fall semester *

THEA 241 Technical Theatre A practical examination of the theatre technician's role in stage carpentry, rigging and the movement of scenery, including the study of equipment specifications and developments in theatre technology.	3:1-4	THEA 273 Voice and Text II A practical course in voice and text focusing on pitch, capacity, phrasing, resonance in performing poetry, vocal odes and modern text before an audience. *** Prerequisite: THEA 271 *** * Note: Offered in winter semester in even numbered year only. *	3:1-4
THEA 242 Practical Stage Management The theory and practice of stage management is expanded to include working on a Department Production. *** Prerequisite: THEA 140 *** ** Permission of the Department Head is required to register. **	3:1-4	THEA 274 Movement & Dance II A continuation of the work in THEA 272 with emphasis placed in the "actor" and the physical skills required for her or his craft, rather than on the self. *** Prerequisite: THEA 272 *** * Note: Offered in winter semester in even numbered years only. *	3:1-4
THEA 245 Elementary Lighting and Sound An introduction to lighting and sound for the theatre. A study of lighting that includes instruments, control boards, colour media, basic electricity and hang and focus procedures and the sound equipment and techniques used to construct sound scores and reinforced sound.	3:1-4	THEA 283 Intermediate Scenography An examination of studio design practice in traditional proscenium staging and non-traditional spaces using both text-based and non text-based approaches. Two and three-dimensional rendering techniques, story boarding and advance manual drafting practices are taught. *** Prerequisite: THEA 222 or permission of Department Head *** * Note: Offered in fall semester only. *	3:3-0
THEA 250 Dramaturgy II Introduction to the work of a professional dramaturge, including the analysis and preparation of pre-modern plays for performance and critical and historical materials for director, designer, actor, and audience. *** Prerequisite: THEA 150 ***	3:3-0	THEA 324 Advanced Scenography I A studio based exploration of advanced design problems in art direction for film and/or multiple set staging and costumes on a proscenium stage with fly gallery. Story boarding techniques, costume rendering and plotting, model making and drafting skills are refined. *** Prerequisite: THEA 332 or 323 or permission of the Department Head *** * Note: Will be offered every other winter semester. *	3:3-0
THEA 251 Historical Approaches to Theatre An introduction to the sources, methodology, theory and application of historical approaches related to the study and practice of theatre, with emphasis on current approaches and various theatrical periods. *** Prerequisite: THEA 150. Concurrent enrolment is allowed. ***	3:3-0	THEA 332 Advanced Costume Design This course is a detailed examination of theatrical genre and style, as interpreted, imagined and created by the costume designer. This course will emphasize costume rendering, historical research, communication and rendering presentation in a variety of media. *** Prerequisite: THEA 231 *** * Note: Offered in fall semester only *	3:3-0
THEA 252 Critical Approaches to Theatre An introduction to the methodology, theory, and application of critical approaches to drama as text and in production, with emphasis on current approaches and plays of various styles and periods. *** Prerequisite: THEA 150. Concurrent enrolment is allowed. ***	3:3-0	THEA 334 Advanced Scenography II An advanced study of contemporary scenographic practices with a strong emphasis on opera and dance. At the discretion of the supervising instructor the class may involve the research, preparation, completion and documentation of a design project related to a production either on or off campus. *** Prerequisite: THEA 332 or 323 or permission of the Department Head *** * Note: Will be offered every other winter. *	3:3-3
THEA 260 Acting Theory and Practice A basic study of theories on acting: what the actor's problems are and how the great actors and theorists of the past and present have solved them. * Note: Offered in winter semester. *	3:1-4	THEA 345 Production Management Research into current practices of production administration and management. *** Prerequisite: THEA 140 ***	3:1-4
THEA 261 Acting I Through creative and imaginative character exercises and scene study, this course animates the actor's world, pursuing and developing the goals and techniques of acting. *Note: Offered in fall semester.*	3:1-4	THEA 346 Intermediate Lighting Examining the principles, theories, and equipment employed by a lighting designer. Areas of investigation include: colour, light sources, control systems, drafting of plans, and script analysis. *** Prerequisite: THEA 245 ***	3:1-4
THEA 262 Acting II With a focus on ensemble and text, students explore and discover character creation, leading to the performance of a role in a Theatre Department Production. *** Prerequisite: A grade of 70% or higher in THEA 261. *** ** Permission of the Department Head is required to register. ** * Note: Offered in winter semester. *	3:1-4	THEA 347 Graphics for Theatre An applied study of several computer graphics programs which are used in contemporary scenographic and technical theatre practice, including: Vectorworks, Photoshop and Poser. The class will focus on structural and aesthetic aspects of design and technical problem solving. ***Prerequisite: THEA 222 or permission of the Department Head ***	3:3-0
THEA 271 Voice and Text I A practical course in voice and text methods and techniques used for relaxation, breathing, placement and articulation as applied to text in the theatre. * Note: Offered in fall semester in odd numbered years only. *	3:1-4	THEA 350 Studies in Greek and Roman Theatre Studies in the history and literature of Greek and Roman theatre.	3:3-0
THEA 272 Movement & Dance I An introductory course in movement and dance for actors, with emphasis on body awareness, alignment, creative expression and retention of choreography. * Note: Offered in fall semester in odd numbered years only. *	3:1-4		

THEA 351 Studies in Theatre of the Middle Ages and 16th Century Italy Studies in the history and literature of the European theatre in the Middle Ages and Italian Renaissance.	3:3-0	THEA 376 Movement & Dance III A continuation of work in THEA 274, with development of the neutral aware self, traditional dance skills and the exploration of the literal and abstract in generation of movement in relation to text. *** Prerequisite: THEA 274 *** * Note: Offered in fall semester in even numbered years only. *	3:1-4
THEA 352 Studies in Tudor and Stuart Theatre Studies in the history and literature of the English theatre during the Tudor and Stuart periods.	3:3-0	THEA 377 Voice and Text IV A voice and text course that will explore dialect, radio skills, monologue and cartoon voices to expand pitch range, flexibility and the freedom to create character in performance. *** Prerequisite: THEA 375 *** * Note: Offered in winter semester in odd numbered years only. *	3:1-4
THEA 353 Studies in Theatre of the Golden Age of Spain & French Neo-classicism Studies in the history and literature of the theatre of the Spanish Golden Age and neoclassical France.	3:3-0	THEA 378 Movement & Dance IV A continuation of work in THEA 376, with emphasis on the application and integration of developed skills in theatrical performance - both in class and on stage. *** Prerequisite: THEA 376 *** * Note: Offered in winter semester, odd numbered years only. *	3:1-4
THEA 354 Studies in Restoration and Eighteenth-Century Theatre Studies in the history and literature of Restoration and eighteenth-century theatre.	3:3-0	THEA 380 Studies in Canadian Theatre Studies in Canadian theatre history and drama.	3:3-0
THEA 355 Romanticism, Popular Theatre and Musical Theatre in the 19th Century Studies in the history and literature of the nineteenth century, including romanticism and musical theatre.	3:3-0	THEA 381 Selected Topics - an AA-ZZ series. Courses in special subjects as required for groups of senior undergraduates.	3-6:6-0
THEA 356 Studies in Realism and Naturalism Studies in the history and literature relating the modern theatrical styles of realism and naturalism.	3:3-0	THEA 390 Directed Study - an AA-ZZ series. Supervised reading and research designed as required for individual students. This course will normally be taken in conjunction with another 300 or 400 level course. ** Permission of the Department Head is required to register. **	1-6:6-6
THEA 357 Studies in Symbolism, Surrealism, and the Absurd Studies in the history and literature relating the modern theatrical styles of symbolism, surrealism, and the absurd.	3:3-0	THEA 396 Directed Study for Honours Students Supervised reading and research involving advanced research materials and methodology and study relating to an increasingly focused research topic. *** Prerequisite: THEA 250, 251, and 252, and admission to the honours program. ***	3:0-1
THEA 358 Studies in Expressionism and Epic Theatre Studies in the history and literature relating the modern theatrical styles of expressionism, epic, and documentary theatre.	3:3-0	THEA 397 Theatre Study Tour A tour to a major theatre centre involving attendance at plays, backstage tours, lectures, and demonstrations. At least one substantial piece of writing will be required. ** Permission of the Department Head is required to register. **	3:3-0
THEA 359 Studies in Post-Modern Theatre Studies in the history and literature relating to theatre in the post-modern period.	3:3-0	THEA 410 Directing An introduction to the theory and practice of stage direction; scene work, and analysis in the classroom. *** Prerequisite: THEA 150 and permission of the Department Head is required. ***	3:3-3
THEA 363 Acting III A scene study class with a focus on contemporary scripts and realism in acting that leads to the performance of a role in a Theatre Department Production. *** Prerequisite: A grade of 70% or higher in THEA 262. *** ** Permission of the Department Head is required to register. ** * Note: Offered in fall semester only. *	3:1-4	THEA 411 Playwriting I-One-Act Plays Composition of original one-act scripts with detailed discussion of dramaturgical problems having to do with such matters as style, structure, and characterization. ** Permission of the Department Head is required to register. **	3:3-3
THEA 364 Acting IV A practical course in the methods and techniques used in acting for television and film. All projects are recorded on DVDs that students receive at the end of the course. *** Prerequisite: A grade of 70% or higher in THEA 363. *** ** Permission of the Department Head is required to register. ** * Note: Offered in winter semester only. *	3:1-4	THEA 412 Playwriting II-Full-Length Plays Composition of original full-length scripts with detailed discussion of dramaturgical problems having to do with such matters as style, structure, and characterization. *** Prerequisite: THEA 411 or ENGL 252 *** ** Permission of the Department Head is required to register. **	3:0-3
THEA 365 Directed Studies in Production - an AA-ZZ series. Supervised research, rehearsal and production work designed as required for individual students working on productions. This course will normally be taken in conjunction with another theatre course.	0-6:0-6	THEA 425 Preparation for Graduating Practicum (Set) Research and preparation for a completed design project using Associated Designers of Canada standards and completed academic assignments.	3:3-1
THEA 375 Voice and Text III A voice and text course with a focus on patterning, fresh text, monologue and classic language performed to explore duration, pace, rhythm and the argument as defined by the playwright. *** Prerequisite: THEA 273 *** * Note: Offered in fall semester, in even numbered years only. *	3:1-4		

*** Prerequisite: An average of at least 75% in Theatre 323, 332, 346, 347 and 324 or 334. ***

THEA 426 6:1-6

Graduating Practicum (Set)

Planning, supervising, and mounting a completed scenic design project for a department production; completion of related academic assignments.

*** Prerequisite: A grade of at least 75% in THEA 425. ***

THEA 429 3:1-4

Design Assistantship

A course in which the student works as a design assistant for a production designed by a faculty member.

*** Prerequisite: A grade of 75% or higher in THEA 334. ***

THEA 435 3:3-1

Preparation for Graduating Practicum (Costume)

Research and preparation for a completed design project (usually in either sets or costumes) using Associated Designers of Canada standards and completed academic assignments.

*** Prerequisite: An average of at least 75% in Theatre 323, 332, 346, 347 and 324 or 334. ***

THEA 436 6:1-6

Graduating Practicum (Costume)

Planning, supervising and mounting a completed costume design project for a department production; completion of related academic assignments.

*** Prerequisite: THEA 435 ***

THEA 437 3:3-0

Professional Development

This course is a professional development course for graduating theatre majors. An introduction to the major professional associations in Canadian theatre, film and television, portfolio development, writing a grant, taxation issues, etc.

*** Prerequisite: Successful completion of 90 credit hours. ***

THEA 446 6:1-6

Graduating Practicum (Light)

Planning, supervising and mounting a completed lighting design project for a department production; completion of related academic assignments.

*** Prerequisite: THEA 346 ***

THEA 447 6:1-6

Graduating Practicum (Production Management/Technical Direction)

Planning, supervising scheduling, organizing, budgeting and resource management for a department production; completion of related academic assignments.

** Permission of the Department Head is required to register. **

THEA 450 3:3-0

Studies in Theatre Aesthetics

Studies relating to dramatic theory and criticism from Aristotle to the postmodern period.

*** Prerequisite: One of THEA 350-359, or a 200 level HIST or literature course in any language. ***

THEA 451 3:3-0

Applied Criticism

Theory and practice of preparing reviews and critiques relating to theatrical productions. Students will be required to attend plays and present several reviews or critiques in written and oral form.

THEA 452 3:3-3

Advanced Studies in Dramaturgy - an AA-ZZ series.

Designed for advanced dramaturgy students wishing to undertake a focused research project, possibly in conjunction with a practical project involving a production or new play development.

THEA 454 3:3-0

Selected Topics in Theatre History - an AA-ZZ series.

The study of selected topics in theatre history and/or literature at the advanced level. For details of the specific topic to be studied each semester, consult the Theatre Department.

THEA 456 3:3-0

Comparative Studies in Theatrical Style, Form, and/or Place - an AA-ZZ series.

The comparative study of selected theatrical styles and forms, possibly relative to different cultures or regions. For details of the specific topic to be studied each semester, consult the Theatre Department.

THEA 459 3:3-0

Advanced Studies in Canadian Theatre and Drama

The advanced study of selected topics in Canadian theatre. For details of the specific topic to be studied each semester, consult the Theatre Department.

*** Prerequisite: One of THEA 350-359 or a 200-level HIST or literature course in any language. ***

THEA 463 3:3-3

Acting Styles I

This practical study of how the actor incorporates style as part of character leads to performance in a Department Production, and is followed by a series of professional orientation sessions.

*** Prerequisite: THEA 364 ***

* Note: Offered in fall semester only. *

THEA 464 3:3-3

Acting Styles II

The practical study of style is continued with a focus on work that will lead to the student's graduating practicum, followed by the continuation of professional orientation sessions.

*** Prerequisite: THEA 463 ***

* Note: Offered in winter semester only. *

THEA 467 3:0-6

Performance in Production I

Performance of a role in the graduation production for students in the BFA Acting Program.

** Permission of the Department Head is required to register. **

THEA 468 3-6:0-6

Performance in Production II

Performance of a role in the graduation production for students in the BFA Acting Program.

** Permission of the Department Head is required to register. **

THEA 481 3-6:6-0

Selected Topics - an AA-ZZ series.

Courses in special subjects as required for groups of senior undergraduates.

THEA 490 1-6:6-6

Directed Study - an AA-ZZ series.

Supervised reading and research designed as a graduating project for individual students. This course will normally be taken in conjunction with another 300 or 400 level course.

THEA 496 3:0-1

Directed Studies for Senior Honours Students

Supervised reading and research involving primary research materials and the development of a proposal for a research topic suitable for the honours essay.

*** Prerequisite: THEA 396 ***

THEA 497 3:0-1

Honours Essay

Supervised research and writing of the honours essay.

*** Prerequisite: THEA 496 ***

UKR	Ukrainian
Faculty of Arts	Department of International Languages

UKR 100 3:3-3

Introductory Ukrainian I

This course, designed for beginners, aims at the acquisition of basic vocabulary and structures required to develop oral and written communication skills.

UKR 101 3:3-3

Introductory Ukrainian II

Continuation of UKR 100.

*** Prerequisite: UKR 100 or permission of the Department Head ***

WGST	Women's and Gender Studies
Faculty of Arts	Women's and Gender Studies Program

FOUNDATIONS COURSES include WGST 100, 200, and 220.

Students can establish an area of focus in the Women's and Gender Studies major and honours major programmes.

THEMES AND THEORIZING indicates a focus in feminist theories, and categories of analysis. Courses in this stream include WGST 361, 367, 372, 420, and 421.

HEALTH AND ENVIRONMENT indicates a focus in women's issues related to health and the environment. Courses in this stream include WGST 201, 202, 301, 302, 380AA-ZZ, 390AA-ZZ, 480AA-ZZ, 490AA-ZZ, 498, and 499.

WGST 100 3:3-0

Introduction to Women's Studies

This course will examine the historical development of feminism and women's studies. Women's representation in academic practice will be analyzed using examples from humanities, the arts, and social sciences. Strategies for change and for the empowerment of women will be considered.

WGST 200 3:3-0

Feminisms: Feminist Theories and Knowledge

An examination of theoretical and epistemological issues related to feminist and indigenous systems of knowledge. Course materials will bring diverse theorists into dialogue with such topics as gender, identity, sexuality, the body, work, the family, language, violence, representation.

*** Prerequisite: WGST 100 or permission of coordinator ***

WGST 201 3:3-3

Women, the Environment and Change

This course is an interdisciplinary and cross-cultural exploration of issues revolving around women, the environment and change. Some topics explored will be a feminist view of the social, historical and cultural roots of the environmental crisis, environmental rights and ethics, and women's participation in environmental movements to name a few.

*** Prerequisite: WGST 100 or completion of 15 credit hours, or permission of the coordinator ***

WGST 202 3:3-3

Women and Reproductive Technologies: Ancient and Modern

This course is an interdisciplinary, cross-cultural, and historical exploration of women and reproduction through a feminist lens. Topics will range over a broad spectrum of social, cultural and scientific issues. These may include: women's reproductive knowledge and midwifery and/or rituals and taboos surrounding conception among others.

*** Prerequisite: WGST 100, or permission of coordinator ***

* Note: Formerly numbered WMST 280AB. Students may not receive credit for both WGST 202 and WMST 280AB. *

WGST 203 3:3-3

Women, Motherhood and Mothering

This course is a feminist exploration of the many issues revolving around women as mothers. Motherhood as a patriarchal institution has often oppressed women while women's experiences of mothering have often been empowering. Mother roles, expectations, stereotypes, and experiences will be examined from an interdisciplinary, cross-cultural, and historical perspective.

*** Prerequisite: WGST 100 or permission of coordinator. ***

WGST 220 3:3-3

Feminist Research and Methodology

This course strengthens student research and writing skills. Methodology and methods used by feminist researchers will be combined with practical experience in designing and conducting research. A range of topics including ethics, qualitative and quantitative research, conducting library research, interviewing, using the internet critically, and evaluating resources will be covered.

*** Prerequisite: WGST 100, or permission of coordinator ***

* Note: Formerly numbered WMST 280AF. Students may not receive credit for both WGST 220 and WMST 280AF. *

WGST 280 3:3-3

Selected Topics - an AA-ZZ series

Courses designed as required for groups of undergraduates.

*** Prerequisite: WGST 100 or permission of coordinator ***

WGST 301 3:3-3

Women and Health: Local and Global

This course examines a wide range of issues in women's health and wellness from a critical feminist perspective. It will cover a range of topics such as the ramifications of the biomedical model for women's health, disparities in women's health, AIDS, mental health, violence against women, aging, disabilities, and reproduction.

*** Prerequisite: WGST 100, or permission of coordinator ***

* Note: Formerly numbered WMST 380AF. Students may not receive credit for both WGST 301 and WMST 380AF. *

WGST 302 3:3-3

Feminism, Gender and Science

This course is an interdisciplinary, cross-cultural and historical exploration of diverse issues revolving around the relationship between Gender and Science. Topics explored may include: a feminist exploration of women's historical and contemporary placement within science, the diverse ways women view science and are viewed within science, among others.

*** Prerequisite: WGST 100, or permission of coordinator ***

* Note: Formerly numbered WMST 380AI. Students may not receive credit for both WGST 302 and WMST 380AI. *

WGST 361 3:3-3

Gender, Race and the History of Art

Seminar on the impact of feminist post-colonial critiques on the discipline of art history. Readings, discussions and papers will focus on topics such as body imagery, the gaze, sexuality, primitivism, orientalism, the canon and the culture wars, the studying of non-Western cultures, etc.

*** Prerequisite: Any 200-level WGST course or permission of the coordinator ***

* Note: Cross-listed with ARTH 361. Students may not receive credit for both WGST 361 and ARTH 361. *

WGST 367 3:3-0

Gender and Language

A study of issues related to gender and language, including stylistic variation between the sexes, differing male and female strategies for dealing with social context, and sexist language.

*** Prerequisite: WGST 200 or permission of coordinator ***

* Note: Cross-listed with ENGL 367. Students may not receive credit for both WGST 367 and ENGL 367. *

WGST 372 3:3-3

Mapping Gender: Symbolic, Mythic and Ritual Discourses

This course is a comparative investigation of gender ideology. The endeavour will be to analyze the operations of gender ideology through the signing systems of symbol, myth and ritual in multiple geographical, historical and cultural locations, e.g. ancient Greece and Rome, medieval Europe, modern day Turkey, New Guinea, and the Middle East, and so forth.

*** Prerequisite: WGST 100 or RLST 100 or permission of coordinator ***

WGST 380 3:3-3

Selected Topics - an AA-ZZ series

Courses designed as required for groups of students.

WGST 390 1-3:3-0

Directed Reading and Research - an AA-ZZ series

Courses designed for individual majors.

*** Prerequisite: WGST 100 or permission of coordinator ***

WGST 420 3:3-3

Mapping Sexuality: Discursive Formations

This course examines sexualities cross-culturally and historically. Subjects such as heterosexuality, homosexuality, heterosexism, transsexuality, so-called sexual deviancy, and gay and lesbian culture will be investigated. Included will be an elucidation of sexualities via recourse to social, cultural, religious and ritual practices.

*** Prerequisite: WGST 100 and WGST 200, or permission of coordinator ***

* Note: Formerly numbered WMST 480AA. Students may not receive credit for both WGST 420 and WMST 480AA. *

WGST 421 **3:3-3**

Feminism, Women and Globalization

An examination of the conditions of women's lives in a global context. Engaging feminist theoretics within postcolonialism, anti-racism and civil rights locations, this course examines women's issues such as poverty, environmental degradation, labour, power and so forth and subsequent feminist responses generated from a variety of geo-political locations.

*** Prerequisite: WGST 100 and WGST 200, or permission of coordinator ***

* Note: Formerly numbered WMST 480AB. Students may not receive credit for both WGST 421 and WMST 480AB. *

WGST 480 **3:3-3**

Selected Topics - an AA-ZZ series

Courses designed as required for groups of undergraduates.

*** Prerequisite: WGST 200 or permission of the coordinator ***

WGST 490 **1-3:3-3**

Directed Readings and Research - an AA-ZZ series

Courses designed for individual majors.

*** Prerequisite: WGST 100 or permission of the coordinator ***

WGST 498 **1-3:3-0**

Honours Seminar - an AA-ZZ series

Honours seminar.

*** Prerequisite: Admission to the Honours program ***

** Permission of the Coordinator is required to register. **

WGST 499 **1-3:3-0**

Honours Essay - an AA-ZZ series

Honours essay.

*** Prerequisite: Admission to the Honours program. ***

** Permission of the Coordinator is required to register. **