MAJOR (CO-OPERATIVE) PROGRAM IN EVOLUTIONARY ANTHROPOLOGY (SCIENCE) - SCMAJ1780M

Co-op Program Coordinator: C. Dixon
Email: coopsuccess.utsc@utoronto.ca

The Major in Evolutionary Anthropology provides a course structure for those students desiring to expand upon or supplement other areas of academic interest by taking advantage of Anthropology's unique global, chronological, and biological perspective on the human condition.

The Major (Co-op) in Evolutionary Anthropology complements and punctuates academic course work with full-time work terms which help students define and refine their career and/or professional school goals.

The minimum qualifications for entry are 4.0 credits, including ANTA01H3 and ANTA02H3, with a minimum cumulative GPA of 2.5 or higher.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above for this program.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Students must complete the program requirements as described in the Major in Evolutionary Anthropology.

Co-op Work Term Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term. To be eligible for their first work term, students must be enrolled in the Major (Co-op) in Evolutionary Anthropology and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC21H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC21H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: [Arts and Science Co-op](#), [Anthropology](#)

MAJOR (CO-OPERATIVE) PROGRAM IN FRENCH (ARTS) - SCMAJ2156C

For more information, please contact:

Academic Program Coordinator: dls-ua@utsc.utoronto.ca

Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in French is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to French upon graduation.
In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term Preparation courses and a minimum of two Co-op work terms.

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, including [FREA01H3](#) and [FREA02H3](#), plus a cumulative GPA of at least 2.5.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the [Office of the Registrar](#) each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Program Requirements
Students must complete the program requirements as described in the Major Program in French.

Co-op Work Term Requirements
Students must satisfactorily complete two Co-op work terms, each of four-months duration. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in French and have completed at least 9.0 credits, including [FREB01H3](#) and [FREB02H3](#). In addition to their academic program requirements, Co-op students complete up to four Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. [COPB50H3](#)/(COPD01H3) – Foundations for Success in Arts & Science Co-op
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in Fall, Winter, or Summer of their first year at UTSC.
- Current UTSC students entering Co-op in April/May will complete this course in the Summer semester.
- Current UTSC students entering Co-op in July/August will complete this course in the Winter semester.

2. [COPB51H3](#)/(COPD03H3) – Preparing to Compete for your Work Term
- This course will be completed eight months in advance of the first scheduled work term.

3. [COPB52H3](#)/(COPD11H3) – Managing your Job Search and Transition to the Workplace
- This course will be completed four months in advance of the first work scheduled work term.

4. [COPC98H3](#)/(COPD12H3) – Integrating Your Work Term Experience Part I
- This course will be completed four months in advance of the second scheduled work term.

5. [COPC99H3](#)/(COPD13H3) – Integrating Your Work Term Experience Part II

- This course will be completed four months in advance of the third scheduled work term (for programs that require the completion of 3 work terms and/or four months in advance of any additional work terms that have been approved by the Arts and Science Co-op Office.

Students must be available for work terms in each of the Fall, Winter and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This, in turn, requires that students take courses during at least one Summer semester.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: French, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN HEALTH STUDIES - HEALTH POLICY (ARTS) - SCMAJ2085J

Program Supervisor of Study: E. Caron-Beaudoin and R. Antabe
Academic Program Advisor: dhsadvisor.utsc@utoronto.ca
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Health Studies- Health Policy is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Health Policy upon graduation.

In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term Preparation courses and a minimum of three Co-op work terms.

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, including HLTA02H3 and HLTA03H3, plus a cumulative GPA of at least 2.5.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Academic Program Requirements
Students must complete the program requirements as described in the Major Program in Health Studies- Health Policy.

Note: the Major/Major (Co-op) Program in Health Studies- Population Health (B.Sc.) and Major/Major (Co-op) Program in Health Studies- Health Policy (B.A.) cannot be combined.

Co-op Program Requirements
Students must satisfactorily complete three Co-op work terms, each of four-months duration, or a 4-month and an 8-month work term, or one 12-month work term.

Students must be available for work terms in each of the Fall, Winter and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This, in turn, requires that students take courses during at least one Summer semester.

To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Health Studies - Health Policy and have completed at least 7.0 credits.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC13 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC13) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Health Studies, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN HEALTH STUDIES - POPULATION HEALTH (SCIENCE) - SCMAJ2085K

Program Supervisor of Study: E. Caron-Beaudoin and R. Antabe
Academic Program Advisor: dhsadvisor.utsc@utoronto.ca
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Health Studies- Population Health is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Population Health upon graduation.

In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term Preparation courses and a minimum of three Co-op work terms.

Enrolment Requirements
The minimum qualifications for entry are as follows:

A. completion of 4.0 credits including [BIOA01H3 or BIOA11H3], HLTA02H3, HLTA03H3, HLTA20H3, and STAB23H3, and B. either (1) a final grade of 67% or higher in both [BIOA01H3 or BIOA11H3] and HLTA20H3, or (2) a final grade of 60% or higher in both [BIOA01H3 or BIOA11H3] and HLTA20H3, and a final grade of 72% or higher in HLTB22H3

Students must also have a cumulative GPA of at least 2.5.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Academic Program Requirements
Students must complete the program requirements as described in the Major Program in Health Studies - Population Health.

Note: the Major/Major (Co-op) Program in Health Studies - Population Health (B.Sc.) and Major/Major (Co-op) Program in Health Studies - Health Policy (B.A.) cannot be combined.

Co-op Work Term Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Health Studies- Population Health and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC40H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC40H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: **Health Studies**, **Arts and Science Co-op**

MAJOR (CO-OPERATIVE) PROGRAM IN HISTORY (ARTS) - SCMAJ0652C

For more information, please contact:

Academic Program Advisor: history-undergrad-advisor@utsc.utoronto.ca

Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in History is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to History upon graduation.
In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term Preparation courses and a minimum of two Co-op work terms.

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, including 0.5 credit from: HISA04H3, HISA05H3, HISA06H3/ GASA01H3, HISA07H3/CLAA04H3, HISA08H3/AFSA01H3 or HISA09H3, plus a cumulative GPA of at least 2.5.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on

ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Program Requirements
Students must complete the program requirements as described in the Major Program in History.

Co-op Work Term Requirements
Students must satisfactorily complete two Co-op work terms, each of four-months duration. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in History and have completed at least 10.0 credits, including two of [HISA04H3, HISA05H3, HISA06H3/GASA01H3, HISA07H3/CLAA04H3, HISA08H3/AFSA01H3 or HISA09H3] as well as HISB03H3.
In addition to their academic program requirements, Co-op students complete up to four Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. COPB50H3/(COPD01H3) – Foundations for Success in Arts & Science Co-op
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in Fall, Winter, or Summer of their first year at UTSC.
- Current UTSC students entering Co-op in April/May will complete this course in the Summer semester.
- Current UTSC students entering Co-op in July/August will complete this course in the Winter semester.

2. COPB51H3/(COPD03H3) – Preparing to Compete for your Work Term
- This course will be completed eight months in advance of the first scheduled work term.

3. COPB52H3/(COPD11H3) – Managing your Job Search and Transition to the Workplace
- This course will be completed four months in advance of the first work scheduled work term.

4. COPC98H3/(COPD12H3) – Integrating Your Work Term Experience Part I
- This course will be completed four months in advance of the second scheduled work term.

5. COPC99H3/(COPD13H3) – Integrating Your Work Term Experience Part II
- This course will be completed four months in advance of the third scheduled work term (for programs that require the completion of 3 work terms and/or four months in advance of any additional work terms that have been approved by the Arts and Science Co-op Office.

Students must be available for work terms in each of the Fall, Winter and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This, in turn, requires that students take courses during at least one Summer semester.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: History, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN HUMAN BIOLOGY (SCIENCE) - SCMAJ0215C

Academic Program Supervisor: S.G. Reid
Email: human-biology@utsc.utoronto.ca
Co-op Program Coordinator: C. Dixon
Email: coopsuccess.utsc@utoronto.ca

The Major in Human Biology provides training and background in general biology with the opportunity to concentrate on courses in upper years that are related to human health. Upper year courses are available in physiology, cell and molecular biology, anatomy, microbiology, pathology, endocrinology, anthropology, psychology and biochemistry. This program is

suitable for students with an interest in applied biology in health sciences or in social sciences related to human health.

The Major (Co-op) in Human Biology program complements and punctuates academic course work with full-time work terms in various governmental or non-governmental agencies, in labs or in public or private industry. These work terms help students define and refine their career and/or professional school goals.

Students apply to the Major (Co-op) in Human Biology after completing a minimum of 4.0 credits, including 1.0 credit in Biology (excluding BIOA11H3), 1.0 credit in Chemistry, and 0.5 credit in Mathematics (excluding MATA02H3) or Statistics. A minimum cumulative GPA of 2.5 or higher is required for admission.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above for this program.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Students must complete the program requirements as described in the Major in Human Biology.

Co-op Work Term Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Human Biology and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC30H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC30H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Biological Sciences, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN LINGUISTICS (ARTS) - SCMAJ0506C

For more information, please contact:

Academic Program Advisor: dls-ua@utsc.utoronto.ca
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Psycholinguistics is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Psycholinguistics upon graduation.
In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term Preparation courses and a minimum of two Co-op work terms.

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, including LINA01H3 and LINA02H3, plus a cumulative GPA of at least 2.5.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Program Requirements
Students must complete the program requirements as described in the Major Program in Linguistics.

Co-op Work Term Requirements
Students must satisfactorily complete two Co-op work terms, each of four-months duration. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Linguistics and have completed at least 9.0 credits, including LINB06H3 and LINB09H3.
In addition to their academic program requirements, Co-op students complete up to four Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. COPB50H3/(COPD01H3) – Foundations for Success in Arts & Science Co-op
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in Fall, Winter, or Summer of their first year at UTSC.
- Current UTSC students entering Co-op in April/May will complete this course in the Summer semester.
- Current UTSC students entering Co-op in July/August will complete this course in the Winter semester.

2. COPB51H3/(COPD03H3) – Preparing to Compete for your Work Term
- This course will be completed eight months in advance of the first scheduled work term.

3. COPB52H3/(COPD11H3) – Managing your Job Search and Transition to the Workplace
- This course will be completed four months in advance of the first work scheduled work term.

4. COPC98H3/(COPD12H3) – Integrating Your Work Term Experience Part I
- This course will be completed four months in advance of the second scheduled work term.

5. COPC99H3/(COPD13H3) – Integrating Your Work Term Experience Part II
- This course will be completed four months in advance of the third scheduled work term (for programs that require the completion of 3 work terms and/or four months in advance of any additional work terms that have been approved by the Arts and Science Co-op Office.

Students must be available for work terms in each of the Fall, Winter and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This, in turn, requires that students take courses during at least one Summer semester.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: [Linguistics](), [Arts and Science Co-op]()

MAJOR (CO-OPERATIVE) PROGRAM IN MATHEMATICS (SCIENCE) - SCMAJ1165C

Academic Program Advisor: S. Calanza [susan.calanza@utoronto.ca]()
Co-op Program Coordinator: C. Dixon coopsuccess.utsc

The Major (Co-op) Program in Mathematics is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Mathematics upon graduation.
In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term and Course requirements.

Enrolment Requirements

Enrolment in the Major (Co-operative) Program in Mathematics is limited.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits. Students must have completed the required A-level CSC and MAT courses, and achieved the required grades, described in the Enrolment Requirements for the Major in Mathematics. In addition, they must also have achieved a CGPA of at least 2.5 across all attempted courses.

Prospective Co-op Students:
Prospective students (i.e., those not yet admitted to a Co-op Degree POSt) must meet the enrolment requirements noted above and have a CGPA of at least 2.5 across all attempted courses.

Students must submit a program request on ACORN. Deadlines follow the Limited Enrolment Program Application Deadlines set by the [Office of the Registrar]() each year. Failure to submit the program request on ACORN will result in the student's application not being considered.

Academic Program Requirements
Students must complete the program requirements as described in the Major Program in Mathematics.

Co-op Work Term Requirements
Students must satisfactorily complete Co-op work term(s), as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Mathematics and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete [COPB50H3]() and [COPB51H3]().

Students must be available for work terms in each of the Fall, Winter and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: [COPB50H3]() and [COPB51H3]() (completed in first year)
- Work Term Search courses: [COPB52H3]() (semester prior to first work term), [COPC98H3]() (semester prior to second work term), and [COPC99H3]() (semester prior to third work term)
- Co-op Work Term courses: [COPC01H3]() (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses ([COPB50H3]() & [COPB51H3]()) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses ([COPB52H3](), [COPC98H3](), & [COPC99H3]()) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses ([COPC01H3]()) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and

are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Mathematics, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN MENTAL HEALTH STUDIES (SCIENCE) - SCMAJ1160N

Academic Program Advisor: psychundergrad.utsc@utoronto.ca
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) in Mental Health Studies is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Mental Health upon graduation.

Enrolment in the Program is limited. Admission will require:
(a.) completion of any Grade 12 U/M high school math course or equivalent (or successful completion of the UTSC Online Mathematics Preparedness Course or equivalent), and
(b.) completion of Grade 12 U/M high school biology or equivalent (or BIOA11H3 or equivalent), and
(c.) completion of a minimum of 4.0 credits, including 1.0 credit in Psychology, and
(d.) a cumulative GPA of at least 2.5, and
(e.) either (1) a final grade of 67% or higher in both of PSYA01H3 and PSYA02H3, or (2) a final grade of 60% or higher in both of PSYA01H3 and PSYA02H3, and a final grade of 72% or higher in two B-level psychology courses.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above for this program.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Academic Program Requirements
Students must complete the program requirements as described in the Major in Mental Health Studies.

Co-op Program Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term.

To be eligible for their first work term, students must be enrolled in the Major (Co-op) in Mental Health Studies and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3. It is recommended that PSYB07H3, PSYB32H3, PSYB55H3, and PSYB70H3 be completed before the first work term.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC40H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits

of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC40H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: **Psychology**, **Arts and Science Co-op**

MAJOR (CO-OPERATIVE) PROGRAM IN MOLECULAR BIOLOGY, IMMUNOLOGY AND DISEASE (SCIENCE) - SCMAJ0220C

Supervisor Email: molecular-biology-immunology@utsc.utoronto.ca
Co-op Program Coordinator: C. Dixon
Email: coopsuccess.utsc@utoronto.ca

This program provides training and background in general biology with the opportunity to concentrate on courses in upper years that are related to immunology, infection and disease. Upper year courses are available in microbiology, immunology, biochemistry and pathobiology of disease. This program is suitable for students with an interest in molecular biology and disease.

Students apply to the Major (Co-op) in Molecular Biology, Immunology and Disease after completing a minimum of 4.0 credits, including 1.0 credit in Biology (excluding BIOA11H3), 1.0 credit in Chemistry, and 0.5 credit in Mathematics (excluding MATA02H3) or Statistics. A minimum cumulative GPA of 2.5 or higher is required for admission.

Application for admission is made to the Office of the Registrar through ACORN, in April/May and July/August. See the Office of the Registrar for more information on program selection.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above for this program.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Students must complete the program requirements as described in the Major in Molecular Biology, Immunology and Disease.

Co-op Work Term Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term. To be eligible for their first work term, students must be enrolled in the Major (Co-op) in Molecular Biology, Immunology and Disease and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)

- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC30H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC30H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Biological Sciences, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN NEUROSCIENCE (SCIENCE) - SCMAJ1472C

Academic Program Advisor: psychundergrad.utsc@utoronto.ca
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major in Neuroscience focuses on both Cellular/Molecular and Systems/Behavioural Neuroscience and requires less research-intensive coursework than the Specialist programs. The Major focuses more on how to be a skilled consumer of neuroscience research, providing a valuable foundation for a variety of career paths.

Students who wish to combine the Major in Neuroscience with a Major in any one of Biology, Human Biology, Mental Health Studies, or Psychology are advised that they must complete 12.0 distinct credits to receive a certification of the completion of both programs. For more information, see section 6A.2 Degree Requirements in the UTSC Academic Calendar. Consultation with the respective Program Supervisors in the selection of credits is recommended.

Enrolment in the program is limited. Students may apply after completing a minimum of 4.0 credits including: BIOA01H3, BIOA02H3, CHMA10H3, [CHMA11H3 or CHMA12H3], PSYA01H3, and PSYA02H3. Admission to this program requires a CGPA of 2.5 or higher.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above for this program.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Academic Program Requirements
Students must complete the program requirements as described in the Major in Neuroscience.

Co-op Program Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term.

To be eligible for their first work term, students must be enrolled in the Major (Co-op) in Neuroscience and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3. It is recommended that PSYB07H3, PSYB70H3, NROB60H3, at least one of [BIOB10H3, BIOB11H3] and at least one of [NROB61H3, PSYB55H3] be completed before the first work term. Any of these courses that are not completed prior to the first work term are recommended to be completed before the second work term.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC40H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC40H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Neuroscience, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN PHILOSOPHY (ARTS) - SCMAJ0231C

For more information, please contact:

Academic Program Advisor: jason.ferreira@utoronto.ca

Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Philosophy is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Philosophy upon graduation.

In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term Preparation courses and a minimum of two Co-op work terms.

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, plus a cumulative GPA of at least 2.5.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Program Requirements
Students must complete the program requirements as described in the Major Program in Philosophy.

Co-op Work Term Requirements
Students must satisfactorily complete two Co-op work terms, each of four-months duration. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Philosophy and have completed at least 9.0 credits, including one of PHLB50H3, PHLB55H3 or MATC09H3.
In addition to their academic program requirements, Co-op students complete up to four Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. COPB50H3/(COPD01H3) – Foundations for Success in Arts & Science Co-op
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in Fall, Winter, or Summer of their first year at UTSC.
- Current UTSC students entering Co-op in April/May will complete this course in the Summer semester.
- Current UTSC students entering Co-op in July/August will complete this course in the Winter semester.

2. COPB51H3/(COPD03H3) – Preparing to Compete for your Work Term
- This course will be completed eight months in advance of the first scheduled work term.

3. COPB52H3/(COPD11H3) – Managing your Job Search and Transition to the Workplace
- This course will be completed four months in advance of the first work scheduled work term.

4. COPC98H3/(COPD12H3) – Integrating Your Work Term Experience Part I
- This course will be completed four months in advance of the second scheduled work term.

5. COPC99H3/(COPD13H3) – Integrating Your Work Term Experience Part II
- This course will be completed four months in advance of the third scheduled work term (for programs that require the completion of 3 work terms and/or four months in advance of any additional work terms that have been approved by the Arts and Science Co-op Office.

Students must be available for work terms in each of the Fall, Winter and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This, in turn, requires that students take courses during at least one Summer semester.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Philosophy, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN PLANT BIOLOGY (SCIENCE) - SCMAJ1060C

Academic Program Supervisor: J. Brown
Email: plant-biology@utsc.utoronto.ca
Co-op Program Coordinator: C. Dixon
Email: coopsuccess.utsc@utoronto.ca

The Major Program in Plant Biology provides a broad education in all areas of contemporary biology and affords students an opportunity to concentrate on Plant Biology courses in upper years. This program is suitable for students with an interest in biochemistry, biotechnology, cell biology, ecology, evolution, genetics, physiology, and/or development of plants.

Students apply to the Major (Co-op) Program in Plant Biology after completing a minimum of 4.0 credits, including 1.0 credit in Biology (excluding BIOA11H3), 1.0 credit in Chemistry, and 0.5 credit in Mathematics (excluding MATA02H3) or Statistics. A minimum cumulative GPA of 2.5 or higher is required for admission.

Application for admission is made to the Office of the Registrar through ACORN, in April/May and July/August. See the Office of the Registrar for more information on program selection.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above for this program.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Students must complete the program requirements as described in the Major Program in Plant Biology.

Co-op Work Term Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Plant Biology and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC30H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC30H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: **Biological Sciences**, **Arts and Science Co-op**

MAJOR (CO-OPERATIVE) PROGRAM IN PSYCHOLOGY (SCIENCE) - SCMAJ1160C

Academic Program Advisor: psychundergrad.utsc@utoronto.ca
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) in Psychology is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Psychology upon graduation.

Enrolment in the Program is limited. Admission will require:
(a.) completion of any Grade 12 U/M high school math course or equivalent (or successful completion of the UTSC Online Mathematics Preparedness Course or equivalent), and

(b.) completion of Grade 12 U/M high school biology or equivalent (or BIOA11H3 or equivalent), and

(c.) completion of a minimum of 4.0 UTSC credits, including 1.0 credit in Psychology, and

(d.) a cumulative GPA of at least 2.5, and

(e.) either (1) a final grade of 67% or higher in both PSYA01H3 and PSYA02H3, or (2) a final grade of 60% or higher in both PSYA01H3 and PSYA02H3, and a final grade of 72% or higher in two B-level psychology courses, and

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above for this program.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Academic Program Requirements
Students must complete the program requirements as described in the Major in Psychology.

Co-op Program Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term.

To be eligible for their first work term, students must be enrolled in the Major (Co-op) in Psychology and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3. It is recommended that PSYB07H3, PSYB70H3, and an additional 1.0 PSY B-level credits be completed before the first work term.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC40H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses (COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC40H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Psychology, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN PUBLIC POLICY (ARTS) - SCMAJPUBPC

For more information, please contact:
Academic Program Advisor: pol-advisor@utsc.utoronto.ca

Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Public Policy is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors.
The program equips students with the analytical and methodological skills to secure employment as policy analysts in government, business, and the non-governmental sectors, or to continue on to graduate training in public policy. The Program is cross-disciplinary; public policy analysis is the exercise of applying the theoretical frameworks and the positivist and interpretive methodologies of the social sciences and humanities to understand the development, implementation, and evaluation of public policy. It requires the ability to think clearly and critically, to design and execute research projects, to analyze both quantitative and qualitative data, and to write clearly. It also requires an understanding of the context, institutions, and processes of policy-making and implementation, as well as concepts and criteria for policy evaluation.
In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term Preparation courses and a minimum of two Co-op work terms. An optional third work term may be complete with the permission of the Co-op Coordinator.

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, plus a cumulative GPA of at least 2.5.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Program Requirements
Students must complete the program requirements as described in the Major Program in Public Policy.

Co-op Work Term Requirements
Students must satisfactorily complete two Co-op work terms, each of four-months duration.

To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Public Policy and have completed at least 10.0 credits, including POLB56H3 and POLB57H3, and 0.5 credit of Statistics (requirement 5) or Methods (requirement 6).

In addition to their academic program requirements, Co-op students complete up to four Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. COPB50H3/(COPD01H3) – Foundations for Success in Arts & Science Co-op
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in Fall, Winter, or Summer of their first year at UTSC.
- Current UTSC students entering Co-op in April/May will complete this course in the Summer semester.
- Current UTSC students entering Co-op in July/August will complete this course in the Winter semester.

2. COPB51H3/(COPD03H3) – Preparing to Compete for your Work Term
- This course will be completed eight months in advance of the first scheduled work term.

3. COPB52H3/(COPD11H3) – Managing your Job Search and Transition to the Workplace
- This course will be completed four months in advance of the first work scheduled work term.

4. COPC98H3/(COPD12H3) – Integrating Your Work Term Experience Part I
- This course will be completed four months in advance of the second scheduled work term.

5. COPC99H3/(COPD13H3) – Integrating Your Work Term Experience Part II
- This course will be completed four months in advance of the third scheduled work term (for programs that require the completion of 3 work terms and/or four months in advance of any additional work terms that have been approved by the Arts and Science Co-op Office.

Students must be available for work terms in each of the Fall, Winter and Summer semesters and must complete at least one

of their required work terms in either a Fall or Winter semester. This, in turn, requires that students take courses during at least one Summer semester.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: **Public Policy**, **Arts and Science Co-op**

MAJOR (CO-OPERATIVE) PROGRAM IN STATISTICS (SCIENCE) - SCMAJ2289C

Academic Program Advisor: S. Calanza susan.calanza@utoronto.ca
Co-op Program Coordinator: C. Dixon coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Statistics is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Statistics upon graduation.
In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term and Course requirements.

Enrolment Requirements

Enrolment in the Major (Co-operative) Program in Statistics is limited.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits. Students must have passed the required A-level CSC and MAT courses, and achieved the required grades, described in the Enrolment Requirements for the Major in Statistics. In addition, they must also have achieved a CGPA of at least 2.5 across all attempted courses.

Prospective Co-op Students:
Prospective students (i.e., those not yet admitted to a Co-op Degree POSt) must meet the enrolment requirements noted above and have a CGPA of at least 2.5 across all attempted courses.

Students must submit a program request on ACORN. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in the student's application not being considered.

Academic Program Requirements
Students must complete the program requirements as described in the Major Program in Statistics.

Co-op Work Term Requirements
Students must satisfactorily complete Co-op work term(s) as follows: three 4-month work terms, one 4-month work term and one 8-month work term, or one 12-month work term. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Statistics and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50 and COPB51.

Students must be available for work terms in each of the Fall, Winter, and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This requires that students take courses during at least one Summer semester.

Co-op Course Requirements
In addition to their academic program requirements, Co-op students complete the following Co-op specific courses as part of their degree:

- Co-op Preparation courses: COPB50H3 and COPB51H3 (completed in first year)
- Work Term Search courses: COPB52H3 (semester prior to first work term), COPC98H3 (semester prior to second work term), and COPC99H3 (semester prior to third work term)
- Co-op Work Term courses: COPC01H3 (each semester a student is on work term)

These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They must be completed in sequence, and fall into three categories: Co-op Preparation courses

(COPB50H3 & COPB51H3) are completed in first year, and cover a variety of topics intended to assist students in developing the skills and tools required to secure a work term; Work Term Search Courses (COPB52H3, COPC98H3, & COPC99H3) are completed in the semester prior to each work term, and support students while competing for work terms that are appropriate to their program of study, as well as preparing students for the transition into and how to succeed the workplace; Co-op Work Term courses (COPC01H3) are completed during each semester that a student is on work term, and support students' success while on work term, as well as connecting their academics and the workplace experience.

Co-op courses are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Statistics, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN WOMEN'S AND GENDER STUDIES (ARTS) - SCMAJ0571C

For more information, please contact:

Academic Program Advisor: wst-undergrad-advisor@utsc.utoronto.ca

Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Women's and Gender Studies is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in the public, private, and/or non-profit sectors. The program provides students with the opportunity to develop the academic and professional skills required to pursue employment in these areas, or to continue on to graduate training in an academic field related to Women's and Gender Studies upon graduation.
In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term Preparation courses and a minimum of two Co-op work terms.

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, including one of WSTA01H3 or WSTA03H3, plus a cumulative GPA of at least 2.5.

Current Co-op Students:
Students admitted to a Co-op Degree POSt in their first year of study must request a Co-op Subject POSt on ACORN upon completion of 4.0 credits and must meet the minimum qualifications for entry as noted above.

Prospective Co-op Students:
Prospective Co-op students (i.e., those not yet admitted to a Co-op Degree POSt) must submit a program request on ACORN, and meet the minimum qualifications noted above. Deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to submit the program request on ACORN will result in that student's application not being considered.

Program Requirements
Students are required to complete the program requirements as described in the Major Program in Women's and Gender Studies.

Co-op Work Term Requirements
Students must satisfactorily complete two Co-op work terms, each of four-months duration. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Women's and Gender Studies and have completed at least 9.0 credits, including WSTA01H3, WSTA03H3 and WSTB05H3.
In addition to their academic program requirements, Co-op students complete up to four Co-op specific courses. These courses are designed to prepare students for their job search and work term experience, and to maximize the benefits of their Co-op work terms. They cover a variety of topics intended to assist students in developing the skills and tools required to secure work terms that are appropriate to their program of study, and to perform professionally in the workplace. These courses must be completed in sequence, and are taken in addition to a full course load. They are recorded on transcripts as credit/no credit (CR/NCR) and are considered to be additive credit to the 20.0 required degree credits. No additional course fee is assessed as registration is included in the Co-op Program fee.

Co-op Preparation Course Requirements:

1. COPB50H3/(COPD01H3) – Foundations for Success in Arts & Science Co-op
- Students entering Co-op from outside of UTSC (high school or other postsecondary) will complete this course in the Fall, Winter, or Summer of their first year at UTSC.
- Current UTSC students entering Co-op in April/May will complete this course in the Summer semester.
- Current UTSC students entering Co-op in July/August will complete this course in the Winter semester.

2. COPB51H3/(COPD03H3) – Preparing to Compete for your Work Term
- This course will be completed eight months in advance of the first scheduled work term.

3. COPB52H3/(COPD11H3) – Managing your Job Search and Transition to the Workplace
- This course will be completed four months in advance of the first work scheduled work term.

4. COPC98H3/(COPD12H3) – Integrating Your Work Term Experience Part I
- This course will be completed four months in advance of the second scheduled work term.

5. COPC99H3/(COPD13H3) – Integrating Your Work Term Experience Part II
- This course will be completed four months in advance of the third scheduled work term (for programs that require the completion of 3 work terms and/or four months in advance of any additional work terms that have been approved by the Arts and Science Co-op Office.

Students must be available for work terms in each of the Fall, Winter and Summer semesters and must complete at least one of their required work terms in either a Fall or Winter semester. This, in turn, requires that students take courses during at least one Summer semester.

For information on fees, status in Co-op programs, and certification of completion of Co-op programs, see the Co-operative Programs section and the Arts and Science Co-op section in the UTSC *Calendar*.

Calendar Section: Women's and Gender Studies, Arts and Science Co-op

MAJOR (JOINT) PROGRAM IN NEW MEDIA STUDIES (ARTS) - SCMAJNME

Program Manager: Email: manaal.hussain@utoronto.ca

Enrolment Requirements
Enrolment in the program is limited and admission is by competitive application. Please refer to the UTSC Registrar's Office for enrolment timelines. Students must have completed MDSA01H3 and MDSA02H3, and have a minimum cumulative GPA of 2.0 to apply. Students must request admission to the program through ACORN, and submit a Supplementary Application Form to the Department that includes an unofficial copy of their academic record, a personal statement of interest, and links (if any) to work published online. Students are strongly advised to meet with the Program Manager during their first year, and before preparing an application for admission. Students may be required to attend an interview with the Program Manager before an admission decision is made. All applicants will be notified through ACORN in early June.

Program Requirements
Students must complete 8.0 full credits of which at least 2.0 must be at the C- or D-level, including:

1. 1.0 credit:
MDSA01H3 Introduction to Media Studies
MDSA02H3 History of Media

2. 0.5 credit:
NMEC01H3 Theory and Practice of New Media

3. 1.0 additional credit at the C-level in MDS courses:

4. 4.5 credits from Centennial College:
New Media Group 1:
NMEA01H3 Digital Fundamentals
NMEA02H3 Introduction to New Media Communications
NMEA03H3 The Language of Design

NMEA04H3 Interface Design, Navigation and Interaction I

New Media Group 2:
[Students will be eligible to enrol in these courses after successfully completing all courses in New Media Group 1]
NMEB05H3 Interface Design, Navigation and Interaction II
NMEB06H3 Project Development and Presentation
NMEB08H3 Application Software for Interactive Media
NMEB09H3 Sound Design
NMEB10H3 Design for New Media

5. 1.0 credit:
NMED10Y3 New Media Senior Project

Note: NMEC01H3 and NMED10Y3 are taught at UTSC. All other NME courses are taught at Centennial College Story Arts Centre.

Calendar Section: **New Media Studies**, **Joint Programs**

MAJOR PROGRAM IN ART HISTORY AND VISUAL CULTURE (ARTS) - SCMAJ0616

Undergraduate Advisor Email: art-history-program-supervisor@utsc.utoronto.ca

Program Requirements
This program requires the completion of 7.0 credits in Art History and Visual Culture (VPH) as follows:

1. Courses at the A-level (0.5 credit):
VPHA46H3 Ways of Seeing: Introduction to Art Histories

2. Courses at the B-level (0.5 credit):
VPHB39H3 Ten Key Words in Art History: Unpacking Methodology

3. Courses at the C-level (1.5 credits):
VPHC49H3 Advanced Studies in Art Theory
VPHC54H3 Art Writing
VPHC72H3 Art, the Museum, and the Gallery

4. Courses at the D-level (0.5 credit):
VPHD48H3 Advanced Seminar in Art History and Visual Culture

5. 4.0 additional credits in VPH courses, including:
(i) At least 1.5 credits must be in courses at the C- or D-level;
(ii) Must include diversity in the time-period and cultural geography;
(iii) Must include at least 1.0 credit dealing with periods prior to 1800;
(iv) Must include at least 1.0 credit dealing with periods after 1800; and
(v) Must include 0.5 credit dealing with the arts of Asia, Africa, or the Diaspora

Courses dealing with periods prior to 1800: VPHB53H3, VPHB63H3, VPHB64H3, VPHB74H3, VPHC41H3, VPHC42H3, VPHC53H3, VPHC63H3, (VPHD44H3)

Courses dealing with periods after 1800: VPHB58H3, VPHB59H3, VPHC45H3, VPHC68H3, VPHC73H3, (VPHD43H3), as well as (VPAC47H3) and (VPAC48H3).

Courses on the art of Africa: VPHB50H3, (VPHB65H3).

Courses on the art of Asia: VPHB73H3, VPHB77H3, VPHC74H3.

Courses in which content may vary, and which may deal with the art of any place or period: VPHB68H3, VPHB78H3, VPHB79H3, VPHC49H3, (VPHC51H3), VPHC54H3, VPHC75H3 and VPHD48H3.

Calendar Section: [Art History and Visual Culture](#)

MAJOR PROGRAM IN ARTS AND MEDIA MANAGEMENT (ARTS) - SCMAJ0617

The Major program offers students an opportunity to acquire a strong foundation in, and understanding of, the theories and practices associated with the management of creative arts and media enterprises. The program exposes students to the scholarship and skills of this multidisciplinary field through a broad range of courses that bring together creative endeavours and business. While the program can be paired with any other Major at UTSC, it is especially intended to be combined with other programs in the Department of Arts, Culture and Media, including: Art History and Visual Culture; Studio Art; Music and Culture; Theatre and Performance; Media Studies; New Media Studies; or Media, Journalism and Digital Cultures.

This Major is for students seeking opportunities and understanding about the always-evolving arts and media environment, where traditional leadership roles are both crucial and constantly challenged, and where community engagement, creative practice, entrepreneurship and leadership are not limited to the private sector but also reach deeply into the non-profit and public sectors.

Program Requirements

This program requires students to complete a total of 7.5 credits as follows:

1. 1.5 credits:
VPAA10H3 Introduction to Arts and Media Management
VPAA12H3 Developing Audiences, Resources, and Community
VPAB10H3 Equity and Inclusivity in Arts and Media Organizations

2. 3.5 credits:
VPAB13H3 Financial Management for Arts Managers
VPAB16H3 Managing and Leading in Cultural Organizations
VPAB18H3 Becoming a Producer
VPAC13H3 Planning and Project Management in the Arts and Cultural Sector
VPAC16H3 Contracts and Copyrights
VPAC17H3 Marketing in the Arts and Media
VPAC18H3 Raising Funds in Arts and Media

3. 0.5 credit:
VPAD10H3 Good, Better, Best: Case Study Senior Seminar

4. 2.0 additional credits in Arts Management (VPA courses). Students may substitute up to 1.0 credit in any courses from the Department of Arts, Culture and Media at the B-, C-, or D-level, for which they hold the pre-requisites; students are encouraged to select Media Studies or Journalism courses.

Calendar Section: [Arts Management](#)

MAJOR PROGRAM IN BIOCHEMISTRY (SCIENCE) - SCMAJ1762

Supervisor Email: biochemistry-major@utsc.utoronto.ca
For an updated list of Program Supervisors, please visit the [Chemistry website](#).

The Major program in Biochemistry provides students with the opportunity to explore the chemistry of living systems. In the first two years, students take a suite of core courses in both biology and chemistry. In later years, students merge these disciplines through courses that explore the chemistry of proteins, enzymes and metabolism. This program is intended for students who are interested in biochemistry, but who do not wish to complete the more focused specialist in biological chemistry. The program is also excellent preparation for students wishing to pursue professional schools such as medicine, pharmacy or law.

Note: This program cannot be combined with the Major/Major Co-op programs in Chemistry, or the Major/Major Co-op

programs in Environmental Chemistry.

Program Requirements

Students should complete the following 9.0 credits:

First Year:
1. 3.0 credits from the following
BIOA01H3 Life on Earth: Unifying Principles
BIOA02H3 Life on Earth: Form, Function and Interactions
CHMA10H3 Introductory Chemistry I: Structure and Bonding
[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms *or* CHMA12H3 Advanced General Chemistry]
[MATA29H3 Calculus I for the Life Sciences *or* MATA30H3 Calculus I for Physical Sciences]
[MATA35H3 Calculus II for Biological Sciences *or* MATA36H3 Calculus II for Physical Sciences]

*Second and Later Years***:**
2. 6.0 credits from the following
BIOB10H3 Cell Biology
BIOB11H3 Molecular Aspect of Cellular and Genetic Processes
BIOB12H3 Cell & Molecular Biology Laboratory
BIOC12H3 Biochemistry I: Proteins & Enzymes
BIOC13H3 Biochemistry II: Bioenergetics & Metabolism
BIOC23H3 Practical Approaches to Biochemistry
CHMB16H3 Techniques in Analytical Chemistry
CHMB41H3 Organic Chemistry I
CHMB42H3 Organic Chemistry II
CHMC47H3 Bio-Organic Chemistry
and
0.5 credit from the following:
*CHMB20H3 Chemical Thermodynamics and Elementary Kinetics
*CHMB23H3 Introduction to Chemical Thermodynamics and Kinetics: Theory and Practice
CHMB31H3 Introduction to Inorganic Chemistry
CHMC11H3 Principles of Analytical Instrumentation
CHMC42H3 Organic Synthesis
CHMC71H3/(CHMD71H3) Medicinal Chemistry
* If CHMB20H3 or CHMB23H3 is selected, one of either [PHYA10H3 or PHYA11H3] is required.
and
0.5 credit from the following:
CHMD41H3/(CHMC41H3) Physical Organic Chemistry
CHMD47H3 Advanced Bio-Organic Chemistry
CHMD69H3 Chemical Elements in Living Systems
CHMD79H3 Topics in Biological Chemistry

Calendar Section: Chemistry

MAJOR PROGRAM IN BIOLOGY (SCIENCE) - SCMAJ1030B

Supervisor Email: biology-major@utsc.utoronto.ca

Biology is the study of life and this major program in Biology is meant to provide students with a solid basic knowledge of this vast discipline, while also allowing the student to tailor their program in the upper years toward one or more biological sub-disciplines. Many of the world's most important and timely issues (medical science and disease, conservation and biodiversity, food and energy supplies) are issues that require citizens to have a firm understanding of biological principles and practices.
The Major program in Biology (Science) cannot be combined with any other Major program offered by the Department of Biological Sciences.

Enrolment Requirements
Students apply to the Major Program in Biology after completing a minimum of 4.0 full credits, including 1.0 credit in Biology (excluding BIOA11H3), 1.0 credit in Chemistry, and 0.5 credit in Mathematics (excluding MATA02H3) or Statistics. Students are admitted on the basis of academic performance.
Application for admission is made to the Office of the Registrar through ACORN, in April/May and July/August. See the UTSC Office of the Registrar's website for more information on program selection.

Program Requirements
This program consists of 8.0 required credits.

First Year
1. 1.0 Credit of Introductory Biology Courses
BIOA01H3 Life on Earth: Unifying Principles
BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses
CHMA10H3 Introductory Chemistry I: Structure and Bonding
[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 0.5 Credit in Mathematics or Statistics
Choose from:
MATA29H3 Calculus I for the Life Sciences
MATA30H3 Calculus I for Physical Sciences
STAB22H3 Statistics I
PSYB07H3 Data Analysis in Psychology

Second Year
4. 3.0 Credits of Biology Core Courses
BIOB10H3 Cell Biology
BIOB11H3 Molecular Aspects of Cellular and Genetic Processes
BIOB34H3 Animal Physiology
BIOB38H3 Plants and Society
BIOB50H3 Ecology
BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*
***Note**: Completion of BIOB90H3 is a graduation requirement for students in this program. Concurrent enrolment in at least one of the BIO B-level courses listed above is required for enrolment in BIOB90H3. Please see BIOB90H3 in the Calendar for important information.

5. 0.5 Credit of Biology Core Labs
Choose from:
BIOB12H3 Cell and Molecular Biology Laboratory
BIOB32H3 Animal Physiology Laboratory
BIOB33H3 Human Development and Anatomy Laboratory
BIOB52H3 Ecology and Evolutionary Biology Laboratory

Third Year
6. 1.5 Credits of Additional C-level Biology Courses
Choose from: Any BIO C-level courses offered by the department.
Note: NROC34H3 (Neuroethology) may also be used toward fulfilling this requirement.

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*
***Note**: Completion of BIOC90H3 is a graduation requirement for students in this program. Concurrent enrolment in one of the participating BIO C-level courses is required for enrolment in BIOC90H3. Please see BIOC90H3 in the Calendar for important information.

Fourth Year
7. 0.5 Credit of Additional D-Level Biology Courses
Choose from: Any BIO D-level courses offered by the department. Note: that this includes the Biology Supervised Studies and Directed Research courses (BIOD95H3, BIOD98Y3 and BIOD99Y3).

Calendar Section: **Biological Sciences**

MAJOR PROGRAM IN CHEMISTRY (SCIENCE) - SCMAJ1376

For an updated list of Program Supervisors, please visit the Chemistry website.

The Major program in Chemistry provides students with an introduction to all major sub-disciplines within chemistry, including analytical, biological, inorganic, organic and physical chemistry. Students will develop both theoretical knowledge and practical lab skills throughout their course work. This program is intended for students who are interested in chemistry, but who do not wish to complete the more focused specialist program.

Note: This program cannot be combined with the Major/Major Co-op programs in Biochemistry or the Major program in Environmental Chemistry.

Program Requirements
Students should complete the following 8.5 credits:

First Year:

CHMA10H3 Introductory Chemistry I: Structure and Bonding
[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]
MATA30H3 Calculus I for Physical Sciences
MATA36H3 Calculus II for Physical Sciences
PHYA10H3 Physics I for the Physical Sciences
PHYA21H3 Physics II for the Physical Sciences

Second and Later Years:
CHMB16H3 Techniques in Analytical Chemistry
CHMB23H3 Introduction to Chemical Thermodynamics and Kinetics: Theory and Practice
CHMB31H3 Introduction to Inorganic Chemistry
CHMB41H3 Organic Chemistry I
CHMB42H3 Organic Chemistry II
CHMB62H3 Introduction to Biochemistry
and
2.5 credits in CHM of which at least 2.0 credits must be at the C- or D-level and 0.5 credit at the D-level. 0.5 of these C- or D-level credits must include a laboratory component.**
** Students should note that if they are going to select CHMC20H3/CHMC21H3, MATA23H3 and MATB41H3 will need to be taken in addition to their other program requirements.

Note: This program cannot be combined with the Major Program in Biochemistry.

Calendar Section: Chemistry

MAJOR PROGRAM IN CITY STUDIES (ARTS) - SCMAJCIT

Program Requirements
This program requires students to complete a total of 7.0 credits as follows:

1. Foundations of City Studies (1.0 credit):
CITA01H3/(CITB02H3) Foundations of City Studies
CITA02H3 Studying Cities

2. Core courses (1.5 credits from among the following):
CITB01H3 Canadian Cities and Planning
CITB03H3 Social Planning and Community Development
CITB04H3 City Politics
CITB08H3 Economy of Cities

3. Methods (1.0 credit as follows):
STAB23H3 Introduction to Statistics for the Social Sciences
and
0.5 credit from among the following:
GGRA30H3 Geographic Information Systems (GIS) and Empirical Reasoning
GGRB30H3 Fundamentals of GIS I
GGRC31H3 Qualitative Geographical Methods: Place and Ethnography
GGRC42H3 Making Sense of Data: Applied Multivariate Analysis

4. City Studies Applications (at least 2.0 credits from among the following):
CITC01H3 Urban Communities and Neighbourhoods Case Study: East Scarborough

CITC02H3 Placements in Community Development
CITC03H3 Housing Policy and Planning
CITC04H3 Current Municipal and Planning Policy and Practice in Toronto
CITC07H3 Urban Social Policy
CITC08H3 Cities and Community Development
CITC09H3 Introduction to Planning History: Toronto and Its Region
CITC10H3 Selected Issues in City Studies
CITC12H3 City Structures, Problems, and Decisions: Field Research in Urban Policy Making
CITC14H3 Environmental Planning
CITC15H3 Money Matters: How Municipal Finance Shapes the City
CITC16H3 Planning and Governing the Metropolis
CITC17H3 Civic Engagement in Municipal Politics
CITC18H3 Urban Transportation Policy Analysis
CITD01H3 City Issues and Strategies
CITD05H3 City Studies Workshop I
CITD06H3 City Studies Workshop II
CITD10H3 Seminar in Selected Issues in City Studies
CITD12H3 Planning and Building Public Spaces in Toronto
CITD30H3 Supervised Research Project

5. Approaches to Cities (at least 1.5 credits from among the following):
ANTC18H3 Urban Worlds
[EESA05H3 Environmental Hazards *or* EESA06H3 Introduction to Planet Earth]
EESD20H3 Geological Evolution and Environmental History of North America
GGRB02H3 The Logic of Geographic Thought
GGRB05H3 Urban Geography
GGRB13H3 Social Geography
GGRB28H3 Geographies of Disease
GGRC02H3 Population Geography
GGRC10H3 Urbanization and Development
GGRC11H3 Current Topics in Urban Geography
GGRC12H3 Transportation Geography
GGRC13H3 Urban Political Geography
GGRC27H3 Location and Spatial Development
GGRC33H3 The Toronto Region
GGRC40H3 Megacities and Global Urbanization
GGRC43H3 Social Geographies of Street Food
GGRC48H3 Geographies of Urban Poverty
GGRD09H3 Feminist Geographies
GGRD14H3 Social Justice and the City
HISC58H3 Delhi and London: Imperial Cities, Mobile People
POLB56H3 Critical Issues in Canadian Politics
POLB57H3 The Canadian Constitution and the Charter of Rights
POLC53H3 Canadian Environmental Policy
PPGB66H3/(PPGC66H3)/(POLC66H3) Public Policy Making
PPGC67H3/(POLC67H3) Public Policy in Canada
SOCB44H3 Sociology of Cities and Urban Life
SOCC26H3 Sociology of Urban Cultural Policies
SOCC27H3 Sociology of Suburbs and Suburbanization
WSTB12H3 Gender-based Violence and Resistance
WSTB20H3/(WSTC20H3) Feminism and The Environment
WSTC14H3 The Gender Politics of Policy Change

Calendar Section: City Studies

MAJOR PROGRAM IN COMPUTER SCIENCE (SCIENCE) - SCMAJ1688

Supervisor of Studies: R. Pancer (416-287-7679) Email: pancer@utsc.utoronto.ca

Program Objectives
This program provides basic knowledge of the foundations of computer science: modern computer software and hardware, theoretical aspects of computer science, and relevant areas of mathematics and statistics. This program is intended to be

combined with other programs, typically a major program in another discipline.

Enrolment Requirements

Enrolment in the Major in Computer Science is limited. Students may apply to enter the program after completing 4.0 credits, and must meet the requirements described below:

1. Students already admitted to the UTSC Year 1 Computer Science admissions category:

Required Courses:

Students must have passed the following CSC and MAT courses: CSCA08H3, CSCA48H3, [CSCA67H3 or MATA67H3], MATA22H3, MATA31H3, and MATA37H3.

Required Grades:

Students that meet all of the following requirements will be admitted to a CS Major POSt:
a. A cumulative grade point average (CGPA) of at least 2.5 over the following courses: CSCA48H3, CSC/MATA67H3, MATA22H3, MATA31H3, and MATA37H3;
b. A final grade of at least B in CSCA48H3; and
c. A final grade of at least C- in two of the following: CSC/MATA67H3, MATA22H3, and MATA37H3.

2. Students admitted to other UTSC Year 1 admissions categories:

Students that have been admitted to either the UTSC Year 1 Math or UTSC Year 1 Statistics admissions categories are eligible to apply for the Computer Science Major POSt. Admission will be based on academic performance in the required A-level courses, identified above. The admission requirements change each year depending on available spaces and the pool of eligible applicants, and students are cautioned that there is no guarantee of admission; as such, students are strongly advised to plan to enroll in backup programs.

Students that have not been admitted to a UTSC Year 1 CMS admissions category (Computer Science, Mathematics, or Statistics) must achieve a final grade of at least A- in both MATA31H3 and CSC/MATA67H3 **the first time they complete these courses** in order to be eligible to apply for a CS Major POSt. **This is a strict requirement**. Admission will be based on academic performance in the required A-level courses, identified above. The admission requirements change each year depending on available spaces and the pool of eligible applicants, and students are cautioned that there is no guarantee of admission; as such, students are strongly advised to plan to enroll in backup programs.

For more information about the admission requirements, please visit the following CMS webpage.

Note: Students admitted to the program after second or third year will be required to pay retroactive deregulated program fees.

Program Requirements
This program requires a total of 16 distinct courses (8.0 credits) satisfying all of the requirements listed below.

Note: Many Computer Science courses are offered both at U of T Scarborough and at the St. George campus. When a course is offered at both campuses in a given session, U of T Scarborough students are expected to take that course at U of T Scarborough. The Department of Computer Science at the St. George campus cannot guarantee space for U of T Scarborough students in their courses, especially those offered at both campuses.

1. A-level courses (3.0 credits)
CSCA08H3 Introduction to Computer Science I
CSCA48H3 Introduction to Computer Science II
CSCA67H3 Discrete Mathematics
MATA22H3 Linear Algebra I for Mathematical Sciences

MATA31H3 Calculus I for Mathematical Sciences
MATA37H3 Calculus II for Mathematical Sciences

2. B-level courses (3.0 credits)
CSCB07H3 Software Design
CSCB09H3 Software Tools and Systems Programming
CSCB36H3 Introduction to the Theory of Computation
CSCB58H3 Computer Organization
CSCB63H3 Design and Analysis of Data Structures
and
0.5 credit from the following*:
MATB24H3 Linear Algebra II
STAB52H3 Introduction to Probability
***Note**: In making this choice, students should consider the prerequisites of courses they plan to take to satisfy requirements 3-4.

3. C-level courses in numerical computation and theory of computing (1.0 credit)
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
and
0.5 credit from the following:
CSCC63H3 Computability and Computational Complexity
CSCC73H3 Algorithm Design and Analysis

4. CSC electives (1.0 credit)
1.0 credits in any C- or D-level CSC courses.

Writing Recommendation:
Students are urged to take a course from the following list of courses by the end of their second year: ANTA01H3, ANTA02H3, CLAA06H3, (CTLA19H3), CTLA01H3, ENGA10H3, ENGA11H3, ENGB06H3, ENGB07H3, ENGB08H3, ENGB17H3, ENGB19H3, ENGB50H3, (ENGB51H3), GGRA02H3, GGRA03H3, GGRB05H3, (GGRB06H3), (HISA01H3), (HLTA01H3), (HUMA01H3), (HUMA11H3), (HUMA17H3), (LGGA99H3), LINA01H3, PHLA10H3, PHLA11H3, WSTA01H3.

Calendar Section: Computer Science

MAJOR PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE) - SCMAJ1150

Program Supervisor E-mail: biodiversity@utsc.utoronto.ca

This program provides background and training in modern biological approaches to the study of biodiversity, ecology, and evolution. The links between these fields are emphasized, and topics covered range from the structure and function of ecosystems to the evolution of behaviour, morphology, and physiology.
Note: This program was formerly known as the Major in Biodiversity, Ecology & Evolution (BSc).

Enrolment Requirements
Students apply to the Major Program in Conservation and Biodiversity after completing a minimum of 4.0 credits, including 1.0 credit in Biology (excluding BIOA11H3), 1.0 credit in Chemistry, and 0.5 credit in Mathematics (excluding MATA02H3) or Statistics. Students are admitted on the basis of academic performance.

Application for admission is made to the Office of the Registrar through ACORN, in April/May and July/August. See the UTSC Office of the Registrar's website for more information on program selection.

Program Requirements
This program consists of 8.5 required credits.

First Year
1. 1.0 Credit of Introductory Biology Courses
BIOA01H3 Life on Earth: Unifying Principles
BIOA02H3 Life on Earth: Form, Function and Interactions

2. 1.0 Credit of Introductory Chemistry Courses

CHMA10H3 Introductory Chemistry I: Structure and Bonding
[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]

3. 0.5 Credit in Mathematics or Statistics
Choose from:
MATA29H3 Calculus I for the Life Sciences
MATA30H3 Calculus I for Physical Sciences
STAB22H3 Statistics I
PSYB07H3 Data Analysis in Psychology

Second Year
4. 3.0 Credits of Biology Core Courses
BIOB10H3 Cell Biology
BIOB11H3 Molecular Aspects of Cellular and Genetic Processes
BIOB34H3 Animal Physiology
BIOB38H3 Plants and Society
BIOB50H3 Ecology
BIOB51H3 Evolutionary Biology

BIOB90H3 Integrative Research Poster Project (CR/NCR 0.0 credit)*
***Note**: Completion of BIOB90H3 is a graduation requirement for students in this program. Concurrent enrolment in at least one of the BIO B-level courses listed above is required for enrolment in BIOB90H3. Please see BIOB90H3 in the Calendar for important information.

5. 0.5 Credit of Biology Core Labs
BIOB52H3 Ecology and Evolutionary Biology Laboratory

Third Year
6. 1.0 Credit of Ecology & Evolution Foundation Courses
Choose from:
BIOC16H3 Evolutionary Genetics and Genomics
BIOC50H3 Macroevolution
BIOC52H3 Field Ecology
BIOC61H3 Community Ecology and Environmental Biology
BIOC63H3 Conservation Biology

7. 1.0 Credit of Other C-level Courses
Choose from:
BIOC37H3 Plants: Life on the Edge
BIOC40H3 Plant Physiology
BIOC51H3 Tropical Biodiversity Field Course
BIOC54H3 Animal Behaviour
BIOC58H3 Biological Consequences of Global Change
BIOC59H3 Advanced Population Ecology
BIOC60H3 Winter Ecology
BIOC62H3 Role of Zoos and Aquariums in Conservation
BIOC65H3 Environmental Toxicology
(BIOC67H3) Inter-University Biology Field Course
EESC04H3 Biodiversity and Biogeography
EESC30H3 Environmental Microbiology

BIOC90H3 Integrative Multimedia Documentary Project (CR/NCR 0.0 credit)*
***Note**: Completion of BIOC90H3 is a graduation requirement for students in this program. Concurrent enrolment in one of the participating BIO C-level courses is required for enrolment in BIOC90H3. Please see BIOC90H3 in the Calendar for important information.

Fourth Year
8. 0.5 Credit of D-level Courses
Choose from:
BIOD25H3 Genomics
BIOD26H3 Fungal Biology & Pathogenesis
BIOD34H3 Conservation Physiology
BIOD43H3 Animal Movement and Exercise
BIOD45H3 Animal Communication
BIOD48H3 Ornithology

BIOD52H3 Biodiversity and Conservation
BIOD53H3 Special Topics in Animal Behaviour
BIOD54H3 Applied Conservation Biology
BIOD55H3 Experimental Animal Behaviour
BIOD59H3 Models in Ecology, Epidemiology and Conservation
BIOD60H3 Spatial Ecology
BIOD62H3 Symbiosis: Interactions Between Species
BIOD63H3 From Individuals to Ecosystems: Advanced Topics in Ecology
BIOD66H3 Causes & Consequences of Biodiversity
BIOD67H3 Inter-University Biology Field Course
EESD15H3 Fundamentals of Site Remediation

Calendar Section: **Biological Sciences**

MAJOR PROGRAM IN CREATIVE WRITING (ARTS) - SCMAJ1620

For more information, contact eng-ugc.utsc@utoronto.ca

Program email: creative-writing@utsc.utoronto.ca

The Major in Creative Writing offers students the opportunity to deepen their development as literary artists, and to gain a comprehensive historical and critical understanding of literary and creative practice. Benefiting from workshop-based courses and feedback from award-winning faculty and visiting writers, as well as from peer review, students will produce original work in a range of genres, encompassing poetry, fiction, non-fiction, screenwriting, and comics. Students will graduate with the confidence and tools they need to continue developing as writers. They will also emerge from this program with the practical knowledge and experience to professionalize their creative skills into fields as diverse as publishing, editing, communications, public relations, marketing, and advertising.

Enrolment is limited and admission is by portfolio. Students will be able to apply to the program after they have completed a minimum of 4.0 credits, including ENGA03H3.

Applicants must submit a portfolio of 15-20 pages representing their best writing in poetry, fiction (either short stories or selections from a longer work), and/or creative non-fiction; portfolios may include work completed prior to admission to UTSC. The portfolio must be accompanied by a brief letter of application (1-2 pages) addressed to the Program Advisor in Creative Writing. The letter should discuss the applicant's experience as a writer, their future goals in the creative writing program, and a work of literature that has inspired them. Portfolios should be submitted to creative-writing@utsc.utoronto.ca by the application deadlines for limited enrolment programs - normally March/April for students applying at the end of the Winter session and June/July for students applying at the end of the Summer session. Students should visit the Office of the Registrar website for exact dates.

Students who are not successful in their first attempt at applying for the program will be eligible to apply again. By the deadlines outlined above, these students must submit a **new** portfolio of 15-20 pages representing their best work in poetry, fiction (either short stories or selections from a longer work), and/or creative non-fiction. The portfolio must be accompanied by a brief letter of application (1-2 pages) addressed to the Program Advisor in Creative Writing at the email address above. The letter should discuss the applicant's experience as a writer, their future goals in the creative writing program, and a work of literature that has inspired them.

Program Requirements:
Students must complete a total of 7.5 credits, of which at least 2.0 credits must be at the C- or D-level.

1. 3.0 credits as follows:
ENGA03H3 Introduction to Creative Writing
ENGB60H3 Creative Writing: Poetry I
ENGB61H3 Creative Writing: Fiction I
ENGB63H3 Creative Writing: Non-Fiction I
[ENGC86H3 Creative Writing: Poetry II or ENGC87H3 Creative Writing: Fiction II or ENGC88H3 Creative Writing: Creative Non-Fiction II]
ENGD95H3 Creative Writing as a Profession

2. 2.0 credits to be selected from the following:
ENGC04H3 Creative Writing: Screenwriting
ENGC05H3 Creative Writing: Poetry and New Media
ENGC06H3 Creative Writing: Writing for Comics

ENGC08H3 Special Topics in Creative Writing I
ENGC24H3 Creative Writing: The Art of the Personal Essay
ENGC86H3 Creative Writing: Poetry II (if not already selected as a required course)
ENGC87H3 Creative Writing: Fiction II (if not already selected as a required course)
ENGC88H3 Creative Writing: Creative Non-Fiction II (if not already selected as a required course)
ENGC89H3 Creative Writing and Performance
ENGD22H3 Special Topics in Creative Writing II
ENGD26Y3 Independent Studies in Creative Writing: Poetry
ENGD27Y3 Independent Studies in Creative Writing: Prose
ENGD28Y3 Independent Studies in Creative Writing: Open Genre

3. 2.5 additional credits in ENG and FLM courses

Calendar Section: English

MAJOR PROGRAM IN ECONOMICS FOR MANAGEMENT STUDIES (ARTS) - SCMAJ0133

Academic Director: Jack Parkinson Email: ecoss@utsc.utoronto.ca

This Program is designed to give a coordinated exposure to the subject matter of Economics for Management Studies to students pursuing a four-year degree with more than a single area of concentration.

Enrolment Requirements
Enrolment in this Program is limited. Students must have completed a minimum of 4.0 credits, including MGEA02H3, MGEA06H3, and MATA34H3 or [[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]]. Decisions are made by the Academic Director, on the basis of the Cumulative Grade Point Average (CGPA).
Students may apply until they have completed up to 10.0 credits, and admission will be on the basis of all grades received. Students who have completed more than 10.0 credits will not be considered for admission to the Program.
Students are cautioned that the Mathematics requirement implies that Grade 12 Calculus is a requirement for entry into this program.

Program Requirements

The Program consists of a total of 8.0 credits, and must include:

0.5 credit in Mathematics
MATA34H3 Calculus for Management

Required Economics Courses (4.5 credits)
MGEA02H3 and MGEA06H3
MGEB02H3 and MGEB06H3
MGEB11H3 and MGEB12H3
MGEC02H3 and MGEC06H3
MGEC11H3

2.0 credits from Economics for Management Studies courses including 1.5 credits at the C-level (or higher) [excluding MGEC91H3, MGEC92H3, and MGEC93H3].

1.0 credit in any economics courses offered by the Department of Management; OR any courses offered by the Department of Language Studies, Department of Arts, Culture and Media, Department of English, Department of Historical and Cultural Studies, and the Department of Philosophy.

Students must also complete MATA34H3 or [[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]].

Note: Students who take MGEA01H3 and MGEA05H3 and then decide to apply to this program will be permitted to substitute MGEA01H3 and MGEA05H3 for [MGEA02H3 & MGEA06H3]. However, these students will be required to complete MATA34H3 or [[MATA29H3 or MATA30H3 or MATA31H3 or MATA32H3] and [MATA33H3 or MATA35H3 or MATA36H3 or MATA37H3]], **before** registering in MGEB02H3, MGEB06H3, MGEB11H3, and MGEB12H3.

STUDENTS WHO ARE CONSIDERING COMBINING PROGRAMS BETWEEN ECONOMICS AND STATISTICS

For students who are intending to pursue a major in Economics with a major or minor in Statistics, we advise the following recommended sequence of required courses. If the sequence outlined below is not followed, it may result in the student taking exclusions and incurring an "EXTRA" credit. An "EXTRA" credit does NOT count towards the 20-credit degree requirement.

1) Students in the Minor Program in Applied Statistics and the Major Program in Economics should take (in order)

MGEB11H3
MGEB12H3
MGEC11H3*
STAC67H3

2) Students in all other Statistics programs and the Major Program in Economics should take (in order).

STAB52H3 or STAB53H3
STAB57H3
MGEB12H3
MGEC11H3*
STAC67H3

* MGEC11H3 may be taken concurrently with STAC67H3. However, if MGEC11H3 is taken after STAC67H3, it will count as an "EXTRA" course and no credit will be given for the degree requirements.

Calendar Section: **Economics for Management Studies**

MAJOR PROGRAM IN ENGLISH (ARTS) - SCMAJ1645

For more information, contact eng-ugc.utsc@utoronto.ca

Program Requirements
7.5 credits in English are required They should be selected as follows:

1. 2.0 credits
ENGA01H3 What Is Literature?
ENGA02H3 Critical Writing about Literature
ENGB27H3 Charting Literary History I
ENGB28H3 Charting Literary History II

2. 0.5 additional credit from courses whose content is pre-1900*
*See the English Course List for courses in pre-1900

3. 0.5 additional credit in Indigenous Literatures of Turtle Island
*See the English Course List for courses in Indigenous Literatures of Turtle Island

4. At least 0.5 credit at the D-level in ENG or FLM courses

5. 4.0 additional credits in ENG or FLM courses of which 2.0 credits must be at the C- or D- level

Notes:
1. Students may count no more than one of the following courses towards the Major requirements: ENGB35H3 Children's Literature, ENGB36H3 Detective Fiction, ENGB41H3 Science Fiction.
2. Students may count no more than one 1.0 credit of D-level independent study [ENGD26Y3, ENGD27Y3, ENGD28Y3, (ENGD97H3), (ENGD99H3)] towards an English program.
3. The following courses do not count towards any English programs: ENG100H, ENG185Y.

Calendar Section: **English**

MAJOR PROGRAM IN ENVIRONMENTAL CHEMISTRY (SCIENCE) -

SCMAJ0361

For an updated list of Program Supervisors, please visit the [Chemistry website](#).

The Major program in Environmental Chemistry will introduce students to the main areas within chemistry, with an emphasis on analytical, environmental, inorganic, and organic chemistry, and also ensure students gain foundational knowledge of the environmental sciences. Students will develop both theoretical knowledge and practical lab skills throughout their course work. This program is intended for students who are interested in developing basic environmental skills, but who also seek the flexibility of combining this program with other Major and Minor programs. Students interested in developing depth in Environmental Chemistry should consider the Specialist or Specialist (Co-operative) program in Environmental Chemistry.

This program cannot be combined with the Major/Major Co-op programs in Biochemistry, the Major/Major Co-op programs in Chemistry, the Major/Major Co-op programs in Environmental Science, or the Minor in Environmental Science.

Program Requirements
Students must complete 9.0 credits as follows:

First Year (3.0 credits):
CHMA10H3 Introductory Chemistry I: Structure and Bonding
[CHMA11H3 Introductory Chemistry II: Reactions and Mechanisms or CHMA12H3 Advanced General Chemistry]
[MATA29H3 Calculus I for Life Sciences *or* MATA30H3 Calculus I for Physical Sciences]
[MATA35H3 Calculus II for Biological Sciences *or* MATA36H3 Calculus II for Physical Sciences]
EESA01H3 Introduction to Environmental Science
and 0.5 credit from:
EESA06H3 Introduction to Planet Earth
EESA07H3 Water
EESA11H3 Environmental Pollution

Second and Later Years (6.0 credits):
CHMB16H3 Techniques in Analytical Chemistry
CHMB31H3 Introduction to Inorganic Chemistry
CHMB41H3 Organic Chemistry I
CHMB42H3 Organic Chemistry II
CHMB55H3 Environmental Chemistry
CHMC11H3 Principles of Analytical Information
and 0.5 credit from:
EESB03H3 Principles of Climatology
EESB04H3 Principles of Hydrology
EESB05H3 Principles of Soil Science
and
2.5 additional credits in CHM courses that meet the following criteria:
i. at least 2.0 credits must be at the C- or D-level
ii. at least 0.5 credit must be at the D-level
iii. at least 0.5 credit at the C- or D-level must be a course with a laboratory component (CHMD16H3 is highly recommended)

Calendar Section: [Chemistry](#)

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