COMBINED DEGREE PROGRAMS, BACHELOR OF BUSINESS ADMINISTRATION / MASTER OF ACCOUNTING AND FINANCE

The Combined Degree Programs for UTSC Bachelor of Business Administration (BBA) with the Master of Accounting and Finance (MAccFin) offered by the Graduate Department of Management allow exceptional students who are registered in one of the Specialist/Specialist Co-op programs identified below to apply during Year 2 of their undergraduate studies, and be considered, for admission to the MAccFin program. They are designed for students with no prior work experience who are interested in pursuing careers in account management, wealth management, consultancy, and entrepreneurship.

Contact Information:
Email: Maccfin@utsc.utoronto.ca

The Combined Degree Programs options are:

- Management and Accounting (Specialist), Bachelor of Business Administration/ Master of Accounting and Finance
- Management and Accounting (Specialist Co-op), Bachelor of Business Administration/ Master of Accounting and Finance

Application Process:

- Applicants must apply to the Bachelor of Business Administration (BBA) program, the MAccFin program, and the CDP.
- Qualified student in Year 2 of their BBA degree program apply to the MAccFin program and their chosen CDP through the SGS Online Admission Application system:
    - Students may apply after they have completed up to 10.0 credits; however, students who have completed more than 10.0 credits may not be considered for admission to the Program.
- Applicants must:
    - Complete a standardized application form with customized fields through the SGS Online Application System;
    - Provide at least two reference letters; and
    - Provide a resume.
- Applicants will be scored on each admission requirement and then ranked based on their overall score.

Minimum Admission Requirements:
Admission to the program is extremely competitive, and all aspects of the application are considered. Meeting minimum grade requirements does not guarantee admission. To be considered for **conditional admission to the MAccFin program and the selected CDP**, applicants must meet the following admission requirements:

- Be admitted to the BBA degree and one of the Management and Accounting Specialist programs at UTSC.
- Meet the minimum admission requirements of the School of Graduate Studies and the MAccFin program.
- Be enrolled full-time and in good standing in the BBA program:
    - have a B+ average (CGPA of 3.3) or higher in Year 2;
    - carry a full course load of 5.0 credits each year (i.e., complete 5.0 credits over the three academic sessions - Fall, Winter, Summer); where necessary, exceptions will be made for students in Co-op programs.

Program Requirements and Path to Completion:

- This CDP requires that students follow prescribed co-op term and/or academic study sequencing options as determined and communicated by the Department of Management.
- Complete all of the requirements of the Management and Accounting Specialist programs, with the following modifications:
    - Students must complete MGEC08H3 (0.5 credit in Economics);
    - Students are exempted from MGEB12H3 and MGAD70H3;
    - Students must complete MGFC35H3 (0.5 credit in Finance);
    - In the Summer terms of Year 3 of their undergraduate studies, students must complete 1.0 FCE in graduate courses as described below. The 1.0 FCE in graduate courses will be graded as graduate courses, as per the *University Assessment and Grading Practices Policy*, 2012 (section B.4.1.2). The 1.0 FCE in graduate courses will count towards both the BBA degree and the MAccFin program and degree:
        - MAF 2001H
        - MAF 2002H
    - Students must complete all of the following advanced accounting courses, which are necessary for CPA designation: MGAD20H3, MGAD40H3, MGAD45H3, MGAD50H3, MGAD65H3.
- Year 4: BBA degree requirements

    - students must complete all BBA program requirements, with the modifications described above, and degree requirements;
    - students are expected to carrry a full course load of 5.0 credits over the three academic sessions (Fall, Winter, Summer) of each year; where necessary, exceptions will be made for students in Co-op programs.
- Session 1: MAccFin program and degree requirements, with the following modifications:
    - students who have successfully completed MAF 2001H as part of their BBA requirements, do not need to repeat it;
    - students who have successfully completed MAF 2002H as part of their BBA requirements, do not need to repeat it.
- Session 2-4: remaining MAccFin program and degree requirements.

Calendar Section: Combined Degree Programs, Management

CERTIFICATE IN BIOARCHAEOLOGY - SCCER1030

This Certificate will provide students with concentrated training in Bioarchaeology, the subdiscipline of Archaeology that focuses on the study of biological materials from archaeological sites, with a particular emphasis on skeletal remains (both human and non-human).
Note: Courses for which students have selected the CR/NCR option, cannot be used towards the completion of this Certificate

Enrolment Requirements

Students must be enrolled in either the Specialist or Major program in Evolutionary Anthropology.

Certificate Requirements
Students must complete a total of 2.0 credits as follows*:

ANTB80H3 Introduction to Archaeology: Methods, Theories, and Practices
ANTC47H3 Human and Primate Comparative Osteology
ANTC48H3 Advanced Topics In Human Osteology
ANTD35H3 Bioarchaeology
*Students must earn an average GPA of 2.7 across the four courses to be awarded the Certificate.

Calendar Section: Anthropology, Certificates

CERTIFICATE IN BIOLOGICAL SCIENCES RESEARCH EXCELLENCE - SCCER1020

The Certificate in Biological Sciences Research Excellence will recognize students' research accomplishments in experiential, research-based learning experiences throughout their undergraduate programs.
Note: Courses for which students have selected the CR/NCR option cannot be used towards the completion of this Certificate. However, **courses that are graded as CR/NCR courses for all students** (e.g., BIOB98H3 and BIOB99H3), can be used towards the completion of this Certificate.

Enrolment Requirements

Students must be enrolled in any Major or Specialist program offered by the Department of Biological Sciences.

Certificate Requirements

Students must complete a minimum of 1.5 credits as follows:

1. BIOD98Y3*
and any one of the following:
BIOB98H3

BIOB99H3
BIOC99H3*
BIOD99Y3*
*Note: students must earn a grade of A- or higher in these courses in order to be eligible for the Certificate.

2. All students must engage in at least one consultation with the liaison librarian for the Department of Biological Sciences in order to develop their skills in literature mining and using an evidence-based approach to study design and data analysis.

3. Upon completion of the specified courses in component 1 of the Requirements, students must provide an overall summary of their research accomplishments to the Department in order to receive the Certificate.

Calendar Section: Biological Sciences, Certificates

CERTIFICATE IN BUSINESS - SCCBUS

The Certificate in Business is a part-time program designed to provide students with the skills they need to function as managers in today's rapidly changing workplace. It also gives students who already have degrees in other fields of study an opportunity to focus on business studies. Courses in the Certificate can be used towards various professional designations.

Contact:
Audrey Quirion, Undergraduate Coordinator
Office: IC 240
Tel: 416-287-7271
Email: audrey.quirion@utoronto.ca

Application Process and Admission Requirements

Please see the Department of Management website for details.

Certificate Requirements

Students must complete the following:

1. Pass 6.0 credits in Economics for Management Studies courses and Management courses, including:
[[MGEA01H3 and MGEA05H3] or [MGEA02H3 and MGEA06H3]]
MGTA01H3 Introduction to Business
MGTA02H3 Managing the Business Organization

2. Earn a cumulative grade point average of at least 2.00* (if a student's CGPA falls below 2.0. s/he will be removed from the program).
*Students will graduate with honours if their cumulative grade point average is 3.20 or better.

Note: Students in their graduating session who intend to take part in the next Convocation must notify the Office of the Registrar of their intention through ACORN. Students who are unable to request graduation through ACORN should contact the Office of the Registrar.

Calendar Section: Management, Certificates

CERTIFICATE IN COMPUTATIONAL SOCIAL SCIENCE - SCCER1040

Computational social science extends theories and analyses from the social science by leveraging tools and techniques from scientific computing and data science. The Certificate in computational social science provides students with training in statistics, modeling, and programming approaches to the analysis of social problems using data, and fosters critical thinking and communication skills crucial to social science research.

Certificate Requirements

Students must complete a minimum of 2.0 credits as follows:

1. 0.5 credit from the following:
SOCB35H3 Numeracy and Society
STAB23H3 Introduction to Statistics for the Social Sciences

2. SOCC70H3 Models of the Social World

3. At least 1.0 credit from the following:
CSCA20H3 Introduction to Programming or equivalent
GGRB30H3 Fundamentals of GIS I
GGRB32H3 Fundamentals of GIS II
GGRC30H3 Advanced GIS
GGRC32H3 Essential Spatial Analysis
GGRC42H3 Making Sense of Data: Applied Multivariate Analysis
HLTC27H3 Community Health and Epidemiology
POLD56H3 Politics and Computational Social Science
POLD87H3 Rational Choice and International Cooperation Essential Spatial Analysis

Calendar Section: Sociology, Certificates

CERTIFICATE IN ECONOMICS WITHIN MANAGEMENT AND INTERNATIONAL BUSINESS - SCCER1060

The Certificate in Economics Within Management and International Business will recognize that students in the MIB program have taken extra courses in economics and will record that extra concentration on their transcripts.
Note: Courses for which students have selected the CR/NCR option, cannot be used towards the completion of this Certificate

Enrolment Requirements

Students must be enrolled in the Specialist (Co-operative) program in Management and International Business. Students wanting to enrol in more than one MIB Certificate must first have the permission of the Academic Director of the Specialist (Co-operative) program in Management and International Business.

Certificate Requirements

Students must complete 2.0 credits as follows:

1. 1.0 credit from the following:
MGEC61H3 International Economics: Finance
MGEC62H3 International Economics: Trade Theory
MGEC82H3 International Aspects of Development Policy

2. 1.0 additional credit at the B-, C- or D-level, in Economics (MGE) courses offered by the Department of Management, or equivalent courses.*
*Note: MGE courses included as core requirements in the MIB program cannot be used to towards the completion of this Certificate.

Calendar Section: Management, Certificates

CERTIFICATE IN EVOLUTIONARY ANATOMY - SC CEVAN

This certificate will provide students with detailed knowledge of skeletal and dental anatomy in humans and related taxa from diverse perspectives, as well as a solid understanding of the evolutionary processes that led to that anatomy.

Admission Requirements

Successful completion of an undergraduate degree with a CGPA of 3.0 with a Specialist or Major in any Science discipline is required to enrol in the certificate program.

Students who have previously completed courses identified as requirements or options in the Certificate can substitute up to 1.0 credit in previously completed courses for the Certificate requirements. Students are not eligible for admission to the Certificate if they have already completed more than 2.0 credits of the included courses (or their equivalents from other universities).

Certificate Requirements

Students must complete 3.0 credits as follows:

1. Core required courses (1.5 credits):
ANTB14H3* Evolutionary Anthropology
ANTC47H3 Human and Primate Comparative Osteology
ANTC48H3 Advanced Topics In Human Osteology

2. Advanced courses (1.5 credits):
Choose 3 from:
ANTC16H3 The Foundation and Theory of Human Origins
ANTC17H3** Human Origins: New Discoveries
ANTC99H3 Primate Evolution
ANTD17H3 Medical Osteology: Public Health Perspectives on Human Skeletal Health
ANTD35H3 Bioarchaeology
ANTD99H3 Advanced Topics in Primate Evolution

Notes:
*ANTA01H3 is a prerequisite for ANTB14H3.
**[ANTA01H3 and ANTA02H3] are prerequisites for ANTC17H3.

Students seeking to complete the certificate who have not completed ANTA01H3 and ANTA02H3 will be assessed for admission to ANTB14H3 and/or ANTC17H3 based on their background. In particular, students whose undergraduate degree included Biology courses will normally be permitted to take ANTB14H3 and ANTC17H3 without the prerequisite(s).

Calendar Section: Anthropology, Certificates

CERTIFICATE IN FINANCE WITHIN MANAGEMENT AND INTERNATIONAL BUSINESS - SCCER1070

The Certificate in Finance Within Management and International Business will recognize that students in the MIB program have taken extra courses in finance and will record that extra concentration on their transcripts.
Note: Courses for which students have selected the CR/NCR option, cannot be used towards the completion of this Certificate

Enrolment Requirements

Students must be enrolled in the Specialist (Co-operative) program in Management and International Business. Students wanting to enrol in more than one MIB Certificate must first have the permission of the Academic Director of the Specialist (Co-operative) program in Management and International Business.

Certificate Requirements

Students must complete 2.0 credits as follows:

1. MGFC50H3 International Financial Management

2. 1.5 additional credits, at the C- or D-level, in Finance (MGF) courses offered by the Department of Management.*
*Note: MGFC10H3 cannot be used to towards the completion of this Certificate.

Calendar Section: Management, Certificates

CERTIFICATE IN GLOBAL DEVELOPMENT, ENVIRONMENT AND HEALTH (UofT Global Scholar) - SCCER1010

The Certificate in Global Development, Environment, and Health (U of T Global Scholar) builds upon UTSC's longstanding academic strength in globally-oriented, interdisciplinary, and experiential education. This certificate will facilitate, support and ultimately recognize, this global perspective.
Note: Courses for which students have selected the CR/NCR option, cannot be used towards the completion of this Certificate

Certificate Requirements

1. 1.0 credits from the following:
IDSA01H3 Introduction to International Development Studies
IDSB11H3 Global Development in Comparative Perspective

2. At least 0.5 credit at the B-level, from the list of electives in Table 1 below.

3. At least 0.5 credit at the C- or D-level from the list of electives in Table 1 below.

Table 1

B-level	AFSB51H3, AFSB54H3, ANTB05H3, ANTB18H3,GGRB28H3, HISB30H3, HISB51H3, HISB58H3, IDSB01H3, IDSB02H3, IDSB04H3, IDSB06H3, POLB90H3, POLB91H3, or SOCB60H3
C-level	AFSC53H3/WSTC10H3, AFSC70H3/HISC70H3, ANTC10H3, ANTC68H3, (ANTC89H3), ENGC19H3, ENGC70H3, ENGC71H3, GASC59H3/HISC59H3, GGRC10H3, GGRC25H3, (GGRC56H3), HISC45H3, HISC55H3, HISC58H3, HISC75H3, HISC97H3, HLTC44H3, HLTC46H3, SC10H3, IDSC11H3, IDSC15H3, IDSC17H3, IDSC18H3, MGEC82H3, POLC16H3, POLC53H3, POLC80H3, POLC90H3, POLC91H3,POLC94H3, POLC96H, POLC97H3, POLC99H3, SOCC25H3, SOCC29H3, SOCC34H3, SOCC52H3, or WSTC13H3
D-level	GASD02H3, GASD03H3, GGRD49H3, HISD31H3, HISD51H3, HISD52H3, HLTD06H3, HLTD13H3, HLTD25H3, HLTD48H3, HLTD49H3, IDSD02H3, IDSD06H3, IDSD10H3, IDSD12H3, IDSD13H3, IDSD19H3, POLD89H3, POLD90H3/IDSD90H3, POLD91H3, SOCD15H3, SOCD20H3, or SOCD55H3

Calendar Section: Certificates, International Development Studies

CERTIFICATE IN HUMAN RESOURCES WITHIN MANAGEMENT AND INTERNATIONAL BUSINESS - SCCER1080

The Certificate in Human Resources Within Management and International Business will recognize that students in the MIB program have taken extra courses in human resources/organizational behaviour and will record that extra concentration on their transcripts.
Note: Courses for which students have selected the CR/NCR option, cannot be used towards the completion of this Certificate

Enrolment Requirements

Students must be enrolled in the Specialist (Co-operative) program in Management and International Business. Students wanting to enrol in more than one MIB Certificate must first have the permission of the Academic Director of the Specialist (Co-operative) program in Management and International Business.

Certificate Requirements

Students must complete 2.0 credits at the C- or D-level in human resources/organizational behaviour (MGH) courses offered by the Department of Management.

*Note: MGHC02H3 cannot be used to towards the completion of this Certificate.

Calendar Section: Management, Certificates

CERTIFICATE IN MARKETING WITHIN MANAGEMENT AND INTERNATIONAL BUSINESS - SCCER1090

The Certificate in Marketing Within Management and International Business will recognize that students in the MIB program have taken extra courses in marketing and will record that extra concentration on their transcripts.
Note: Courses for which students have selected the CR/NCR option, cannot be used towards the completion of this Certificate

Enrolment Requirements

Students must be enrolled in the Specialist (Co-operative) program in Management and International Business. Students wanting to enrol in more than one MIB Certificate must first have the permission of the Academic Director of the Specialist (Co-operative) program in Management and International Business.

Certificate Requirements

Students must complete 2.0 credits at the C- or D-level in marketing (MGM) courses offered by the Department of Management.

Calendar Section: Certificates, Management

CERTIFICATE IN PATHWAYS TO HEALTH PROFESSIONS - SCCER1110

Note: Only domestic students entering UTSC directly from high school in September 2024 and after are eligible for enrolment in this certificate.

Students will be admitted to the Certificate directly from high school. Students will select the Certificate in combination with specified science (HBSc) programs at the time of application to UTSC and will be enrolled directly into the Certificate in their first year of study after accepting their offer to UTSC and will need to be admitted to and maintain good standing in one of the programs below to remain in the certificate. Only domestic students entering UTSC directly from high school in September 2024 and after are eligible for enrolment in this certificate.

The Certificate must be taken in conjunction with a Major/Major (Co-op) or Specialist/Specialist (Co-op) in one of the following programs:

- Biochemistry
- Biology
- Chemistry
- Conservation & Biodiversity
- Environmental Chemistry
- Environmental Geoscience
- Environmental Science
- Evolutionary Anthropology
- Global Environmental Change
- Health Studies – Population Health
- Human Biology
- Integrative Biology
- Medicinal & Biological Chemistry
- Mental Health Studies
- Molecular Biology & Biotechnology

- Molecular Biology, Immunology & Disease
- Neuroscience
- Plant Biology
- Psycholinguistics
- Psychology

Students must complete a minimum of 2.0 credits, including at least 0.5 credit at the C- or D-level, as follows:

1. *0.5 credit from Complex Systems, Structures and Settings*:

- ANTA02H3: Introduction to Anthropology: Society, Culture and Language
- ANTC24H3: Culture, Mental Illness, and Psychiatry
- ANTD16H3: Biomedical Anthropology
- EESA06H3: Introduction to Planet Earth
- EESA10H3: Human Health and Environment
- EESA11H3: Environmental Pollution
- EESB16H3: Feeding Humans – The Cost to the Planet
- EESC04H3: Biodiversity and Biogeography
- IDSB04H3: Introduction to International/Global Health
- GGRB28H3: Geographies of Disease
- HLTB40H3: Health Policy and Health Systems
- HLTC42H3: Emerging Health Issues and Policy Needs
- HLTC43H3: Politics of Canadian Health Policy
- HLTC44H3: Comparative Health Policy Systems
- HLTD04H3: Advanced Topics in Health and Society
- HLTD40H3: The Politics of Care, Self-Care and Mutual Aid
- HLTD81H3: Health Professions Education
- MDSA01H3: Introduction to Media Studies
- MGTA01H3: Introduction to Business
- POLD59H3: Politics of Disability
- VPAA10H3: Introduction to Arts and Media Management

2. *0.5 credit from Cultures, Communities and Care*:

- ACMB10H3: Equity and Diversity in the Arts
- ANTA01H3: Introduction to Anthropology, Becoming Human
- ANTB64H3: Are You What You Eat? The Anthropology of Food
- ANTC61H3: Medical Anthropology: Illness and Healing in Cultural Perspective
- ANTD26H3: Caveman, Farmer, Herder, Trader: Evolution of Diet in Society
- CITB03H3: Social Planning and Community Development
- GGRD10H3: Health & Sexuality
- HISC27H3: The History of European Sexuality: From Antiquity to the Present
- HLTB41H3: Introduction to the Social Determinants of Health
- HLTB42H3: Perspectives of Culture, Illness and Healing
- HLTB60H3: Introduction to Interdisciplinary Disability Studies
- HLTC22H3: Health, Aging and the Life Cycle
- HLTD18H3: Dental Sciences
- HLTD47H3: Advanced Topics in Health and Wellness
- PHLB12H3: Philosophy of Sexuality
- PHLC07H3: Death and Dying
- POLC43H3: Prejudice and Racism
- PSYA02H3: Introduction to Clinical, Developmental, Personality and Social Psychology
- PSYB32H3: Introduction to Clinical Psychology
- PSYC14H3: Cross-Cultural Social Psychology
- PSYC15H3: Foundations in Community Psychology
- PSYC18H3: Psychology of Emotion
- PSYC19H3: Psychology of Self Control
- PSYC34H3: Psychology of Happiness and Meaning
- PSYD10H3: Community and Applied Social Psychology
- PSYD13H3: The Psychology of Emotion Regulation
- SOCB22H3: Sociology of Gender
- SOCB47H3: Social Inequality
- SOCB49H3: Sociology of Family
- SOCC49H3/HLTC49H3: Indigenous Health
- WSTB11H3: Intersections of Inequality

3. *0.5 credit from Critical and Creative Thinking*:

- ANTB14H3: Evolutionary Anthropology
- ANTB15H3: Contemporary Human Evolution and Variation
- ANTC62H3: Medical Anthropology: Biological and Demographic Perspectives
- ANTC68H3: Deconstructing Epidemics
- BIOB20H3: Introduction to Computational Biology
- BIOC70H3: An Introduction to Bias in the Sciences
- BIOD59H3: Models in Ecology, Epidemiology, and Conservation
- CHMD89H3: Introduction to Green Chemistry
- CSCB20H3: Introduction to Web Development and Applications
- ENGB52H3: Literature and Science
- HLTB15H3: Health Research Methodologies
- HLTC81H3: Health Professions and Practice
- JOUA01H3: Introduction to Journalism and News Literacy I
- LINB30H3: Programming for Linguists
- MATA02H3: The Magic of Numbers
- PHLA10H3: Reason and Truth
- PHLA11H3: Introduction to Ethics
- PHLB09H3: Biomedical Ethics
- PHLC10H3: Topics in Bioethics
- PHLD09H3: Advanced Seminar in Bioethics
- PSYB03H3: Introduction to Computers in Psychological Research
- PSYB80H3: Psychology in Context
- PSYC03H3: Computers in Psychological Research: Advanced Topics
- PSYC13H3: Social Cognition: Understanding Ourselves and Others
- STAB22H3: Statistics I
- STAB52H3: An Introduction to Probability
- STAB53H3: Introduction to Applied Probability

4. *0.5 credit from Communication and Leadership*:

- ENGB02H3: Effective Writing in the Sciences
- HLTD49H3: Global Health Governance: Thinking Alongside the World's Leaders
- MGEB32H3: Economic Aspects of Public Policy
- MGTA02H3: Managing the Business Organization
- PHLB06H3: Business Ethics
- PHLB58H3: Reasoning Under Uncertainty
- POLC13H3: Program Evaluation
- PSYB38H3: Introduction to Behaviour Modification
- PSYC02H3: Scientific Communication in Psychology
- PSYC10H3: Judgment and Decision-Making
- PSYD19H3: The Science of Behaviour Change

Additional course options may be added in future years.

In addition to the formal curricular components, students are encouraged to participate in at least one of each of the following areas to complement their work in the certificate and build a cohort experience:

- participation in a community of practice or service activity recognized on the Co-curricular Record;
- professional development workshop or learning module offered by at UofT Scarborough or tri-campus office;
- annual program events, including a capstone event upon completion of the certificate.

Calendar Section: Health Studies, Certificates

CERTIFICATE IN STRATEGY WITHIN MANAGEMENT AND INTERNATIONAL BUSINESS - SCCER1100

The Certificate in Strategy Within Management and International Business will recognize that students in the MIB program have taken extra courses in strategy and will record that extra concentration on their transcripts.
Note: Courses for which students have selected the CR/NCR option, cannot be used towards the completion of this Certificate

Enrolment Requirements

Students must be enrolled in the Specialist (Co-operative) program in Management and International Business. Students wanting to enrol in more than one MIB Certificate must first have the permission of the Academic Director of the Specialist (Co-operative) program in Management and International Business

Certificate Requirements

Students must complete 2.0 credits at the C- or D-level in strategy (MGS) courses offered by the Department of Management.

Calendar Section: Certificates, Management

CERTIFICATE IN SUSTAINABILITY (UofT Sustainability Scholar) - SCCER1050

The sustainable utilization of our natural, social, economic and cultural resources is one of the most important cross-cutting themes within academia today. The Certificate in Sustainability builds on UTSC's longstanding academic strengths to provide an opportunity for a broad range of students to incorporate sustainability into their undergraduate studies.

Certificate Requirements

Students must complete a minimum of 2.0 credits as follows:

1. ESTB03H3/VPHB69H3 Back to the Land: Restoring Embodied and Affective Ways of Knowing
2. At least 0.5 credit at the A- or B-level, from the list of electives in Table 1 below
3. At least 1.0 credit at the C- or D-level from the list of electives in Table 1 below

Note: Courses for which **students have selected the CR/NCR option**, cannot be used towards the completion of this Certificate; however, **courses that are graded as CR/NCR courses for all students**, can be used towards the completion of this Certificate.

A-level	EESA07H3, EESA11H3, GGRA03H3
B-level	ANTB01H3, ANTB64H3, BIOB38H3, EESB17H3, ESTB01H3, GASB05H3, MDSB05H3, GGRB21H3, HISB14H3, IDSB02H3, WSTB20H3
C-level	CITC14H3, ENGC59H3, ESTC34H3/EESC34H3, ESTC35H3, ESTC36H3, GGRC21H3, GGRC26H3, GGRC44H3, HISC29H3, IDSC02H3, POLC53H3, SOCC37H3
D-level	AFSD07H3/IDSD07H3, BIOD30H3, EESD09H3, ESTD19H3, POLD89H3

Calendar Section: Certificates, Environmental Studies

COMBINED DEGREE PROGRAMS, HONOURS BACHELOR OF SCIENCE / MASTER OF ENGINEERING

The Combined Degree Programs for UTSC Honours Bachelor of Science (HBSc) and Master of Engineering (MEng) allow exceptional students who are registered in one of the Specialist/Specialist Co-op programs identified below to apply during Year 3 of their studies, and be considered, for admission to the Faculty of Engineering & Applied Chemistry MEng programs in either Chemical Engineering & Applied Chemistry or Civil Engineering.

Contact Information:
Mandy Meriano(416-208-2775)
Email: mmeriano@utsc.utoronto.ca

Combined Degree Programs options are:

- Global Environmental Change (Specialist), Honours Bachelor of Science/ Chemical Engineering & Applied Chemistry, Master of Engineering
- Global Environmental Change (Specialist Co-op), Honours Bachelor of Science/ Chemical Engineering & Applied Chemistry, Master of Engineering
- Global Environmental Change (Specialist), Honours Bachelor of Science/ Civil Engineering, Master of Engineering
- Global Environmental Change (Specialist Co-op), Honours Bachelor of Science/ Civil Engineering, Master of Engineering
- Environmental Chemistry (Specialist), Honours Bachelor of Science/ Chemical Engineering & Applied Chemistry, Master of Engineering
- Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science/ Chemical Engineering & Applied Chemistry, Master of Engineering
- Environmental Chemistry (Specialist), Honours Bachelor of Science/ Civil Engineering, Master of Engineering
- Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science/ Civil Engineering, Master of Engineering
- Environmental Geoscience (Specialist), Honours Bachelor of Science/ Chemical Engineering & Applied Chemistry, Master of Engineering
- Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science/ Chemical Engineering & Applied Chemistry, Master of Engineering
- Environmental Geoscience (Specialist), Honours Bachelor of Science/ Civil Engineering, Master of Engineering
- Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science/ Civil Engineering, Master of Engineering
- Environmental Physics (Specialist), Honours Bachelor of Science/ Chemical Engineering & Applied Chemistry, Master of Engineering
- Environmental Physics (Specialist Co-op), Honours Bachelor of Science/ Chemical Engineering & Applied Chemistry, Master of Engineering
- Environmental Physics (Specialist), Honours Bachelor of Science/ Civil Engineering, Master of Engineering
- Environmental Physics (Specialist Co-op), Honours Bachelor of Science/ Civil Engineering, Master of Engineering

Application Process:

- UTSC students in Year 3 of one the identified HBSc programs who are interested in one of the identified CDPs must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to their selected CDP.
- UTSC students who are accepted to the CDP will receive a conditional offer to start the Master of Engineering (MEng) program upon completion of their HBSc program requirements.

Minimum Admission Requirements:

- Applicants must meet the admission requirements of the HBSc program, the School of Graduate Studies, and the MEng program.
- Applicants to the HBSc program must:
    - be enrolled full-time and in good standing;
    - have a B+ average (CGPA of 3.3) or higher in Year 2;
    - carry a full course load of 5.0 credits each year (i.e., complete 5.0 credits over the three academic sessions - Fall, Winter, Summer).
- Applicants to the MEng program must:
    - maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program;
    - complete the requirements of their HBSc program;
    - be conferred with the HBSc degree.

Program Requirements and Path to Completion:

- Year 1 to 4: HBSc degree requirements:
    - students must complete all HBSc program requirements and degree requirements;
    - students are expected to carry a full course load of 5.0 credits over the three academic sessions (Fall, Winter, Summer) of each year;
    - in Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program;
    - in Year 4, students who receive a conditional offer of admission to the CDP and MEng:
        - **must complete two prescribed undergraduate engineering half courses** (1.0 credit) as part of the HBSc degree requirements;
        - may complete up to 1.0 credit in graduate courses with the permission of either the Department of Chemical Engineering and Applied Chemistry or Department of Civil Engineering (depending on the selected CDP); these courses can be counted towards the completion of both the HBSc degree requirements and the MEng program and degree requirements.
    - by the end of Year 4, fulfill both the undergraduate program requirements and the undergraduate degree requirements.

- Year 5: Remaining MEng program and degree requirements:
  - conditions of admission are removed;
  - complete 5.0 credits in MEng courses; students who have completed up to 1.0 credit in MEng courses in Year 4 may subtract those courses from the total 5.0 credits required.

Calendar Section: Chemistry, Combined Degree Programs, Environmental Science, Physics and Astrophysics

COMBINED DEGREE PROGRAMS, HONOURS BACHELOR OF SCIENCE / MASTER OF ENVIRONMENTAL SCIENCE

The Combined Degree Programs for UTSC Honours Bachelor of Science (HBSc) with the Master of Environmental Science (MEnvSc) offered by the Graduate Department of Physical and Environmental Sciences allow exceptional students who are registered in one of the Specialist/Specialist Co-op programs identified below to apply during Year 3 of their studies, and be considered, for admission to the MEnvSc program. They are designed for students interested in pursuing a career in environmental sciences within the green-sector, geosciences, industry, consulting, government and policy organizations. These Combined Degree Programs give students the opportunity to: (1) begin exploring their academic interests in Year 4 of their studies; (2) complete 1.0 credit in courses that may be counted towards both degrees; and (3) enrol in the MEnvSc in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship opportunity, in addition to the mandatory four-month academic or internship opportunity completed in the MEnvSc program alone.

Contact Information:
Combined Degree Programs Coordinator
Email: cdp.utsc@utoronto.ca

The Combined Degree Programs options are:

Department of Biological Sciences

- Conservation and Biodiversity (Specialist), Honours Bachelor of Science/ Master of Environmental Science
- Integrative Biology (Specialist), Honours Bachelor of Science/ Master of Environmental Science

Department of Physical and Environmental Sciences

- Global Environmental Change (Specialist), Honours Bachelor of Science/ Master of Environmental Science
- Global Environmental Change (Specialist Co-op), Honours Bachelor of Science/ Master of Environmental Science
- Environmental Chemistry (Specialist), Honours Bachelor of Science/ Master of Environmental Science
- Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science/ Master of Environmental Science
- Environmental Geoscience (Specialist), Honours Bachelor of Science/ Master of Environmental Science
- Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science/ Master of Environmental Science
- Environmental Physics (Specialist), Honours Bachelor of Science/ Master of Environmental Science
- Environmental Physics (Specialist Co-op), Honours Bachelor of Science/ Master of Environmental Science

Application Process:

- Applicants must apply to the Honours Bachelor of Science (HBSc) program, the MEnvSc program, and the CDP.
- Qualified students in Year 3 of their HBSc degree program apply to the MEnvSc program and their chosen CPD through the SGS Online Admission Application system:
  - students will select one of the three fields of study within the MEnvSc program at the time of application:
    - Climate Change Impacts and Adaptation
    - Conservation and Biodiversity, or
    - Terrestrial and Aquatic Systems
  - those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

Minimum Admission Requirements:

To be considered for **conditional admission to the MEnvSc program and the selected CDP**, applicants must meet the following admission requirements:

- Be admitted to the HBSc degree and one of the above listed undergraduate programs at UTSC.
- Meet the minimum admission requirements of the School of Graduate Studies and the MEnvSc program.

- Be enrolled full-time and in good standing in the HBSc program:
  - have a B+ average (CGPA of 3.3) or higher in Year 2;
  - carry a full course load of 5.0 credits each year (i.e., complete 5.0 credits over the three academic sessions - Fall, Winter, Summer); where necessary, exceptions will be made for students in Co-op programs.
- Complete the following undergraduate courses as part of the HBSc degree requirements:
  - Students in the Specialist in Conservation and Biodiversity or the Specialist in Integrative Biology:
    - BIOC63H3 Conservation Biology (0.5 credit)
    - BIOD54H3 Applied Conservation Biology (0.5 credit)
  - Students in the Specialist/Specialist Co-op programs in Global Environmental Change, Environmental Chemistry, Environmental Geoscience, or Environmental Physics:
    - EESC24H3 Advanced Readings in Environmental Science (0.5 credit)
    - EESD10Y3 Research Project in Environmental Science (1.0 credit)

To be given **full, unconditional admission to the MEnvSc program**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in their final year of study in the HBSc program or over upper-level (C- and D-level) courses.
- Achieve at least a grade of B- (70%) in both of the graduate courses taken in Year 4 of undergraduate study; these courses must be chosen in consultation with the Graduate Program Supervisor:
  - for the field in Climate Change Impacts and Adaptation: EES 1133H Climate Change Science and Modelling (0.5 credit), plus an additional 0.5 credit;
  - for the field in Conservation and Biodiversity: EES 3002H Conservation Policy (0.5 credit), plus an additional 0.5 credit;
  - for the field in Terrestrial and Aquatic Systems: 1.0 credit.
- Be conferred with the HBSc degree.

Program Requirements and Path to Completion:

- Year 4: HBSc degree requirements
  - students must complete all HBSc program requirements and degree requirements;
  - students are expected to carry a full course load of 5.0 credits over the three academic sessions (Fall, Winter, Summer) of each year; where necessary, exceptions will be made for students in Co-op programs;
  - students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:
    - students in the Specialist in Conservation and Biodiversity or the Specialist in Integrative Biology:
      - BIOC63H3 Conservation Biology (0.5 credit)
      - BIOD54H3 Applied Conservation Biology (0.5 credit)
    - students in the Specialist/Specialist Co-op programs in Global Environmental Change, Environmental Chemistry, Environmental Geoscience, or Environmental Physics:
      - EESC24H3 Advanced Readings in Environmental Science (0.5 credit)
      - EESD10Y3 Research Project in Environmental Science (1.0 credit)
  - students must complete 1.0 credit in graduate courses, chosen in consultation with the Graduate Program Supervisor, as follows:
    - for the field in Climate Change Impacts and Adaptation: EES 1133H Climate Change Science and Modelling (0.5 credit), plus an additional 0.5 credit;
    - for the field in Conservation and Biodiversity: EES 3002H Conservation Policy (0.5 credit), plus an additional 0.5 credit;
    - for the field in Terrestrial and Aquatic Systems: 1.0 credit.
- Optional registration in the Summer session prior to Year 5:
  - students complete one of the following opportunities:
    - EES 4001H Internship Training (0.5 credit)
    - EES 4003H Academic Training (0.5 credit)
- Year 5: Remaining MEnvSc program and degree requirements.

Calendar Section: Biological Sciences, Chemistry, Combined Degree Programs, Environmental Science, Physics and Astrophysics

COMBINED DEGREE PROGRAMS, HONOURS BACHELOR OF SCIENCE / MASTER OF SOCIAL WORK

The Combined Degree Programs for UTSC Honours Bachelor of Science (HBSc) with the Master of Social Work (MSW) offered by the Factor-Inwentash Faculty of Social Work allow exceptional students who are registered in the UTSC Specialist or Specialist Co-op programs in Mental Health Studies to apply during Year 3 of their studies, and be considered, for admission to the FIFSW Master's program in Social Work. These CDPs offer a rich intellectual pathway for exceptional undergraduate students by providing access to social work research before the completion of the undergraduate degree, and give students an opportunity to become equipped for evidence-informed social work practice, through a research course in Year 4 with a FIFSW co-supervisor.

Contact Information:
Department of Psychology
Email: psychology-undergraduate@utsc.utoronto.ca

Combined Degree Programs options are:

- Mental Health Studies (Specialist), Honours Bachelor of Science/ Master of Social Work
- Mental Health Studies (Specialist Co-op), Honours Bachelor of Science/ Master of Social Work

Application Process:

- Applicants must apply to the HBSc program, the MSW program, and the CDP.
- Qualified students in Year 3 of their HBSc program can apply to the MSW program; those accepted will receive a conditional offer to start the MSW program upon completion of their HBSc program and degree requirements.

Minimum Admission Requirements:

- Applicants must meet the admission requirements of the HBSc program, the School of Graduate Studies, and the MSW program.
- Applicants to the HBSc program must:
    - be enrolled full-time and in good standing;
    - have a B+ average (CGPA of 3.3) or higher in Year 2;
    - carry a full course load of 5.0 credits each year (i.e., complete 5.0 credits over the three academic sessions - Fall, Winter, Summer).
- Applicants to the MSW program must:
    - maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program;
    - complete the requirements of their HBSc program;
    - be conferred with the HBSc degree.

Program Requirements and Path to Completion:

- Year 1 to 4: HBSc degree requirements:
    - students must complete all HBSc program requirements and degree requirements;
    - students are expected to carry a full course load of 5.0 credits over the three academic sessions (Fall, Winter, Summer) of each year;
    - in Year 3, qualified students may apply to the MSW program and the CDP and may be offered conditional admission;
    - in Year 4, students who receive a conditional offer of admission to the CDP must complete 1.5 credits as follows:
        - PSYD98Y3 Thesis in Psychology, under the supervision of a UTSC Psychology faculty member in consultation with a FIFSW faculty member (1.0 credit);
        - PSYD37H3 The Social Context of Mental Health and Illness, which will be taught by a FIFSW faculty member (0.5 credit).
    - by the end of Year 4, fulfill the HBSc program requirements and HBSc degree requirements.
- Year 5 to 6: MSW program and degree requirements:
    - MSW Year 1:
        - conditions of admission are removed;
        - students must complete 4.0 credits (see the School of Graduate Studies Calendar: Specialist or Specialist Co-op)
        - students must complete the Year 1 practicum (SWK 4701H)
        - by the end of Year 1 of the MSW program, students must select one of the following fields of specialization: Children and Their Families, Gerontology, Health and Mental Health; Social Justice and Diversity, Social Service Administration
    - MSW Year 2:
        - students must complete 1.0 credits in elective courses;
        - students must complete the Year 2 practicum (SWK 4702Y);
        - students must complete additional courses in their chosen field of specialization (see the School of Graduate Studies Calendar: Specialist or Specialist Co-op)

Calendar Section: Combined Degree Programs, Psychology

COMBINED DEGREE PROGRAMS, HONOURS BACHELOR OF SCIENCE OR HONOURS BACHELOR OF ARTS / MASTER OF TEACHING

The Combined Degree Programs for UTSC Honours Bachelor of Science (HBSc)/ Honours Bachelor of Arts (HBA) with the Master of Teaching (MT) offered by the Ontario Institute for Studies in Education are designed for students who are interested in a career in Education. They allow exceptional students who are registered in one of the 50 identified Specialist and Major programs to gain early admission to the MT, which is a full-time professional program that leads to both a Master's degree and eligibility to become a certified teacher in Ontario. Students who successfully complete one of the Combined Degree Programs listed below will earn two University of Toronto degrees (HBA/ HBSc and MT), and be recommended to the Ontario College of Teachers for a Certificate of Qualifications as elementary or secondary school teachers.

Contact Information:
Combined Degree Programs Coordinator
Email: cdp.utsc@utoronto.ca

The Combined Degree Programs options are:

Department of Anthropology

- Evolutionary Anthropology (Specialist), Honours Bachelor of Science/ Master of Teaching
- Evolutionary Anthropology (Major), Honours Bachelor of Science/ Master of Teaching
- Socio-Cultural Anthropology (Specialist), Honours Bachelor of Arts/ Master of Teaching
- Socio-Cultural Anthropology (Major), Honours Bachelor of Arts/ Master of Teaching

Department of Arts, Culture and Media

- Theatre and Performance Studies (Major), Honours Bachelor of Arts/ Master of Teaching

Department of Biological Sciences

- Biology (Major), Honours Bachelor of Science/ Master of Teaching
- Conservation and Biodiversity (Specialist), Honours Bachelor of Science/ Master of Teaching
- Conservation and Biodiversity (Major), Honours Bachelor of Science/ Master of Teaching
- Human Biology (Specialist), Honours Bachelor of Science/ Master of Teaching
- Human Biology (Major), Honours Bachelor of Science/ Master of Teaching
- Integrative Biology (Specialist), Honours Bachelor of Science/ Master of Teaching
- Molecular Biology and Biotechnology (Specialist), Honours Bachelor of Science/ Master of Teaching
- Molecular Biology and Biotechnology (Specialist Co-op), Honours Bachelor of Science/ Master of Teaching
- Molecular Biology, Immunology and Disease (Major), Honours Bachelor of Science/ Master of Teaching
- Plant Biology (Major), Honours Bachelor of Science/ Master of Teaching

Department of Computer and Mathematical Sciences

- Mathematics (Specialist), Honours Bachelor of Science/ Master of Teaching
- Mathematics (Specialist Co-op), Honours Bachelor of Science/ Master of Teaching
- Mathematics (Major), Honours Bachelor of Science/ Master of Teaching
- Mathematics (Major Co-op), Honours Bachelor of Science/ Master of Teaching

Department of English

- English (Specialist), Honours Bachelor of Arts/ Master of Teaching
- English (Specialist Co-op), Honours Bachelor of Arts/ Master of Teaching
- English (Major), Honours Bachelor of Arts/ Master of Teaching
- English (Major Co-op), Honours Bachelor of Arts/ Master of Teaching

Department of Language Studies

- French (Specialist), Honours Bachelor of Arts/ Master of Teaching
- French (Specialist Co-op), Honours Bachelor of Arts/ Master of Teaching
- French (Major), Honours Bachelor of Arts/ Master of Teaching

- French (Major Co-op), Honours Bachelor of Arts/ Master of Teaching

Department of Historical and Cultural Studies

- History (Specialist), Honours Bachelor of Arts/ Master of Teaching
- History (Major), Honours Bachelor of Arts/ Master of Teaching

Department of Human Geography

- Human Geography (Specialist), Honours Bachelor of Arts/ Master of Teaching
- Human Geography (Major), Honours Bachelor of Arts/ Master of Teaching

Department of Physical and Environmental Sciences

- Medicinal and Biological Chemistry (Specialist), Honours Bachelor of Science/ Master of Teaching
- Medicinal and Biological Chemistry (Specialist Co-op), Honours Bachelor of Science/ Master of Teaching
- Biochemistry (Major), Honours Bachelor of Science/ Master of Teaching
- Biochemistry (Major Co-op), Honours Bachelor of Science/ Master of Teaching
- Chemistry (Specialist), Honours Bachelor of Science/ Master of Teaching
- Chemistry (Specialist Co-op), Honours Bachelor of Science/ Master of Teaching
- Chemistry (Major), Honours Bachelor of Science/ Master of Teaching
- Chemistry (Major Co-op), Honours Bachelor of Science/ Master of Teaching
- Global Environmental Change (Specialist), Honours Bachelor of Science/ Master of Teaching
- Global Environmental Change (Specialist Co-op), Honours Bachelor of Science/ Master of Teaching
- Environmental Chemistry (Specialist), Honours Bachelor of Science/ Master of Teaching
- Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science/ Master of Teaching
- Environmental Physics (Specialist), Honours Bachelor of Science/ Master of Teaching
- Environmental Physics (Specialist Co-op), Honours Bachelor of Science/ Master of Teaching
- Physics and Astrophysics (Specialist), Honours Bachelor of Science/ Master of Teaching
- Physics and Astrophysics (Major), Honours Bachelor of Science/ Master of Teaching
- Physical and Mathematical Sciences (Specialist), Honours Bachelor of Science/ Master of Teaching

Department of Sociology

- Sociology (Specialist), Honours Bachelor of Arts/ Master of Teaching
- Sociology (Major), Honours Bachelor of Arts/ Master of Teaching

Students applying to the MT must have two teaching subjects regardless of the concentration they are applying to (Primary/ Junior, Junior/Intermediate, or Intermediate/Senior), and must have completed at least 6.0 credits in their first teaching subject and at least 3.0 credits in their second teaching subject (note: both French as a Second Language and Science require at least 6.0 credits in university courses even when they are a second teaching subject). Each of the programs listed below includes a minimum of 6.0 credits in courses that can be applied towards the completion of the prerequisites for the identified OISE teaching subject(s).

UTSC Programs Fit With OISE MT Teaching Subjects:

UTSC Program	MT Teaching Subjects - Required Number of Courses/ Credits Completed
- Specialist/ Specialist Co-op in Medicinal and Biological Chemistry	Science - Chemistry, or Science - Biology, or Science - General
- Specialist/Specialist Co-op in Molecular Biology and Biotechnology	Science - Biology, or Science - General
- Major/Major Co-op In Biochemistry - Major in Biology - Specialist in Conservation and Biodiversity - Major in Conservation and Biodiversity - Specialist in Human Biology - Major in Human Biology - Specialist in Integrative Biology - Major in Molecular Biology, Immunology and Disease - Major in Plant Biology - Specialist/Specialist Co-op in Global Environmental Change	Science - Biology
- Specialist/Specialist Co-op in Chemistry - Major/Major Co-op in Chemistry - Specialist/Specialist Co-op in Environmental Chemistry	Science - Chemistry

UTSC Program	MT Teaching Subjects - Required Number of Courses/ Credits Completed
- Specialist/Specialist Co-op in Environmental Physics - Specialist in Physics and Astrophysics - Major in Physics and Astrophysics - Specialist in Physical and Mathematical Sciences	Science - Physics
- Specialist/Specialist Co-op in Mathematics - Major/Major Co-op in Mathematics	Mathematics
- Specialist in Evolutionary Anthropology - Major in Evolutionary Anthropology - Specialist in Socio-Cultural Anthropology - Major in Socio-Cultural Anthropology - Specialist in Sociology - Major in Sociology	Social Science - General
- Major in Theatre and Performance Studies	Dramatic Arts
- Specialist/Specialist Co-op in English - Major/Major Co-op in English	English
- Specialist/Specialist Co-op in French - Major/Major Co-op in French	French (Second Language)
- Specialist in History - Major in History	History
- Specialist in Human Geography - Major in Human Geography	Geography

Application Process:

- Applicants must apply to the Honours Bachelor of Arts (HBA)/ Honours Bachelor of Science (HBSc) program, the MT program and the CDP.
- Qualified students in Year 3 of their HBA/ HBSc degree program apply to the MT program; those accepted will receive a conditional offer to start the MT program upon completion of their HBA/ HBSc program and degree requirements.

Minimum Admission Requirements:

To be considered for **conditional admission to the MT program and the selected CDP,** applicants must meet the following admission requirements:

- Be admitted to the HBA/ HBSc degree and at least one of the above-listed undergraduate programs at UTSC.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Be enrolled full-time and in good standing in the HBA/ HBSc program(s):
  - have a B+ average or higher in Year 2;
  - carry a full course load of 5.0 credits each year (i.e., complete 5.0 credits over the three academic sessions - Fall, Winter, Summer); where necessary, exceptions will be made for students in Co-op programs.
- Have completed at least half of the teaching subjects' prerequisite courses - i.e., 3.0 credits in the first teaching subject and at least 1.5 credits in the second teaching subject (or 3.0 credits if the second teaching subject is French as a Second Language or Science) - by the end of Year 3.
- Provide at least two letters of reference (see: http://www.oise.utoronto.ca/mt/Home.html).
- Provide a Statement of Intent indicating their preferred concentration (Primary/Junior, Junior Intermediate, or Intermediate/Senior) and describe three significant teaching and/or teaching-related experiences they have had, especially with groups of children; with reference to these experiences, applicants should identify insights gained about teaching and learning, and explain how, based on these insights, they might contribute to the education of students in today's schools. On their resumé, applicants must list, in chart form, the extent of their teaching experiences; the chart should include dates, location of the experience, applicants' role, and number of hours working with students.
- Meet other qualifications as specified by the MT program, including: a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites.

To be given **full, unconditional admission to the MT program**, applicants must meet the following admission requirements:

- Maintain a B+ average or higher in their final year of study in the HBA/ HBSc program, or over upper-level (C- and D-level) courses.
- Achieve at least a B+ average in 1.0 credit in graduate courses taken in Year 4.
- Regardless of the concentration to which they are applying (Primary/Junior, Junior/Intermediate, Intermediate/Senior), complete the prerequisites for both the first and second teaching subjects; students are encouraged to consult often with their HBA/HBSc Program Supervisor, as well as the Combined Degree Programs Coordinator.

- Be conferred with the HBA/ HBSc degree.

Program Requirements and Path to Completion:

- Year 1 to 4: HBA/ HBSc degree requirements:
  - students must complete all of the HBA/ HBSc program and degree requirements;
  - students are expected to carry a full course load of 5.0 credits over the three academic sessions (Fall, Winter, Summer) of each year;
  - in Year 3, qualified students may apply to the MT and the CDP and may be offered conditional admission to the MT;
  - by the end of Year 3 students must complete at least 3.0 credits required for the first teaching subject, and at least 1.5 credits for the second teaching subject (or 3.0 credits if the second teaching subject is French as a Second Language or Science);
  - in Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the graduate elective half courses recommended by OISE for CDP students; these courses (1.0 credit) are counted towards the completion of both the HBA/ HBSc degree and the MT program and degree; CDP students are graded as graduate students in these courses and are required to meet graduate expectations;
  - by the end of Year 4, students must complete all HBA/ HBSc program requirements and degree requirements, including at least 6.0 credits required for the first teaching subject, and at least 3.0 credits for the second teaching subject (or 6.0 credits if the second teaching subject is French as a Second Language or Science).
- Year 5 and 6: Remaining MT program and degree requirements:
  - students must complete 11.0 credits as identified by OISE.

Calendar Section: Anthropology, Biological Sciences, Chemistry, Combined Degree Programs, English, Environmental Science, French, Geography, History, Mathematics, Physical Sciences, Physics and Astrophysics, Sociology, Theatre and Performance

DOUBLE DEGREE: BBA, SPECIALIST (CO-OPERATIVE) PROGRAM IN MANAGEMENT AND FINANCE / HONOURS BSc, SPECIALIST (CO-OPERATIVE) PROGRAM IN STATISTICS, QUANTITATIVE FINANCE STREAM

Assistant Director: P. Brown (416-287-7421) Email: mgmtcoop.utsc@utoronto.ca
Management Co-op Academic Director: S. Ahmed E-mail: mgmtss.utsc@utoronto.ca
Double Degree in Quantitative Finance and Statistics Co-op Supervisor of Studies: S. Damouras E mail: sotirios.damouras@utoronto.ca

Academic Directors:
S. Ahmed Email: mgmtss.utsc@utoronto.ca (BBA)
S. Damouras Email: sotirios.damouras@utoronto.ca (BSc)

Program Director: C. Arsenault E-mail: mgmtcoop.utsc@utoronto.ca

The Double Degree program combines the Specialist (Co-operative) Program in Management and Finance and the Specialist (Co-operative) Program in Statistics, Quantitative Finance stream. Students completing the Double Degree program will qualify to graduate with two degree designations – the Bachelor of Business Administration (BBA) and the Honours Bachelor of Science (BSc), assuming all other degree criteria are met.

The Double Degree program is a Work Integrated Learning (WIL) program that combines academic studies with paid work terms in public and private enterprises. Depending on their needs and abilities, students work in areas such as finance, insurance, data analytics, accounting, consulting, business intelligence, marketing, policy, strategic planning and entrepreneurship. The Double Degree program will equip students with a comprehensive understanding of financial markets, and develop the business and quantitative skills required to function in them.

The Double Degree program operates on a trimester schedule, featuring three terms (Fall, Winter and Summer) in each Calendar year. Students work or study in all three terms for five years, or until graduation requirements are met. It requires 11 four-month terms of study and 3 four-month work terms.

Enrolment Requirements

Enrolment in the Double Degree program is limited.

1. Students applying directly from high school are admitted on the basis of academic performance. They must have completed Grade 12 English, Grade 12 Advanced Functions, and Grade 12 Calculus & Vectors. Applicants must also submit a Supplementary Application Form.

Course Guidelines for Students Admitted to Double Degree Program Directly from High School:

Students must complete the following courses in their first year of study: MGEA02H3, MGEA06H3, MATA22H3, MATA31H3, MATA37H3, MATA67H3/CSCA67H3, MGAB01H3, MGAB02H3, MGHA12H3, MGMA01H3 and MGTA38H3.

2. Students already pursuing a BBA program and degree may apply to enter this Double Degree program. The application can be made before the end of the Winter semester and/or before the end of the Summer semester. Application for admission will be considered only for the round during which the student has made the Subject POSt request. Students considering switching to the Double Degree program should consult with the program supervisors as soon as possible.

The minimum Cumulative Grade Point Average (CGPA) for Program admission is calculated for each application period, and is based on University of Toronto courses only. Decisions are made when all grades have been received.

Students must have completed at least 5.0 credits (none of which can be designated as CR/NCR), including: MGEA02H3, MGEA06H3, MGAB01H3, MGAB02H3, MGHA12H3, MGTA38H3, MATA22H3, MATA31H3, MATA37H3, and MATA67H3/CSCA67H3.

Students who have taken MATA34H3 or [[MATA30H3 or (MATA32H3)] and [(MATA33H3) or MATA36H3]] instead of [MATA31H3 and MATA37H3] can still apply to the Double Degree program if they are taking or plan to take MATA37H3 at the time of application and could receive admission conditional on their grade in MATA37H3 being above a threshold to be specified each year.

Notes:

1. Students MUST complete the pre-requisite of MATA67H3/CSCA67H3 in order to take MATA37H3.
2. MATA34H3 is not a substitute for MATA31H3. Students who have completed MATA34H3 will be required to take MATA31H3 as an Extra (EXT) course before taking MATA37H3.

Students may apply until they have completed up to 10.0 credits. Students who have completed more than 10.0 credits will not be able to apply to the Double Degree Program. For those who apply with more than 5.0 credits, their CGPA at the time of application will be calculated with more weight assigned to the required courses listed under the 5.0 credits.

Applicants must submit a resume and covering letter to the Management Co-op Office during the limited Subject POSt request period outlined on the Office of the Registrar website. For information on what to include in your resume and covering letter, visit the Management Co-op website. An interview may also be required.

CGPA Requirement to Remain in the Double Degree Co-op Program

Students must maintain a CGPA of 2.5 or higher. Students whose CGPA falls below 2.5 will be placed on probation. Students on probation will be reinstated to the Double Degree program if they complete at least 2.0 credits (none of which can be designated as CR/NCR) in the following session and raise their CGPA to at least 2.5. Students who cannot get out of probation in two consecutive sessions, or whose CGPA falls below 2.3, will be removed from the Double Degree Co-op Program. Students removed from the Double Degree (Specialist Co-op Programs) can pursue the Double Degree (Specialist Programs), or one of its non Co-op constituent programs (i.e., the BBA Specialist Program in Management and Finance, or the BSc Specialist Program in Statistics, Quantitative Finance stream).

Program Requirements
The Double Degree program requires the completion of 25.0 credits. 21.5 credits are core program requirements as listed below, and 3.5 further credits are required to complete degree requirements.

NOTE: Students who have taken STAB53H3 and STAB57H3 and then transfer to any other BBA program must also take MGEB12H3 to fulfill the program requirements.

1. Communications requirement (0.5 credit)
MGTA38H3 Management Communications

2. Management requirements (5.0 credits)
MGAB01H3 Introductory Financial Accounting I
MGAB02H3 Introductory Financial Accounting II
MGAB03H3 Introductory Management Accounting
MGHB02H3 Managing People and Groups in Organizations
MGHA12H3 Human Resource Management
MGHC02H3 Management Skills

MGMA01H3 Principles of Marketing
MGMB01H3 Marketing Management
MGOC10H3 Analysis for Decision-Making
MGOC20H3 Operations Management: A Mathematical Approach

3. Science requirements (9.0 credits)
CSCA08H3 Introduction to Computer Science I
MATA67H3/CSCA67H3 Discrete Mathematics
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
MATA22H3 Linear Algebra I for Mathematical Sciences
MATA31H3 Calculus I for Mathematical Sciences
MATA37H3 Calculus II for Mathematical Science
MATB24H3 Linear Algebra II
MATB41H3 Techniques of the Calculus of Several Variables I
MATB42H3 Techniques of the Calculus of Several Variables II
MATB44H3 Differential Equations I
MATB61H3 Linear Programming and Optimization
MATC46H3 Differential Equations II
STAB52H3 An Introduction to Probability
STAB57H3 An Introduction to Statistics
STAC62H3 Probability and Stochastic Processes I
STAC67H3 Regression Analysis
STAD37H3 Multivariate Analysis
STAD57H3 Time Series Analysis

4. Economics requirements (2.0 credits)
MGEA02H3 Introduction to Microeconomics: A Mathematical Approach
MGEA06H3 Introduction to Macroeconomics: A Mathematical Approach
MGEB02H3 Price Theory: A Mathematical Approach
MGEB06H3 Macroeconomic Theory and Policy: A Mathematical Approach

5. Finance requirements (3.0 credits)
MGFB10H3 Principles of Finance
MGFC10H3 Intermediate Finance
[MGFC30H3 Introduction to Derivatives Markets or STAB41H3 Financial Derivatives]
MGFC35H3/(MGFD10H3) Investments
STAC70H3 Statistics and Finance I
STAD70H3 Statistics and Finance II

6. At least four courses (2.0 credits) from:
MGEC71H3 Money and Banking
MGFC20H3 Personal Financial Management
MGFC45H3 Portfolio Management: Theory & Practice
MGFC50H3 International Financial Management
MGFC60H3 Financial Statement Analysis & Security Valuation
MGFD15H3 Private Equity
MGFD25H3 Financial Technologies and Applications (FinTech)
MGFD30H3 Risk Management
MGFD40H3 Investor Psychology and Behavioural Finance
MGFD50H3 Mergers and Acquisitions: Theory and Practice
MGFD60H3 Financial Modeling and Trading Strategies
MGFD70H3 Advanced Financial Management

NOTE: In selecting options and electives, students should refer to the guidelines for program breadth and depth found in the Degree Requirements section of this *Calendar*.

Co-op Work Term Requirements

All Double Degree program Co-op students must take MGTA38H3 prior to commencement of their first work term. Students are advised to consult regularly with the Academic Supervisors, or the Program Director, if they have questions regarding course selection and scheduling. It is however the students' individual responsibility to ensure that they have completed the correct courses to make them eligible for each work term and that they have correctly completed program and degree requirements for graduation.

Students who apply after the first year and are successful in receiving a June offer will be expected to complete a Co-op Advancing Your Career Exploration (AYCE) course beginning in the third week of June, and continuing throughout the summer.

To compete for a work term a student must maintain a 2.5 CGPA, and must have completed:

1. For the first work term:
    a. 7.0 credits, including: MGEA02H3, MGEA06H3, MGAB01H3, MGAB02H3, MGHA12H3, MGMA01H3, MGTA38H3, MATA22H3, MATA31H3 and MATA37H3.
    b. The Management Co-op Advancing Your Career Exploration Courses (AYCE): [COPB11H3 and COPB12H3] or COPB10Y3
2. For the second work term: 9.0 credits.
3. For the third work term: 11.0 credits.

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

Calendar Section: Double Degree Programs, Management, Statistics

DOUBLE DEGREE: BBA, SPECIALIST PROGRAM IN MANAGEMENT AND FINANCE / HONOURS BSc, SPECIALIST PROGRAM IN STATISTICS, QUANTITATIVE FINANCE STREAM

Academic Directors:
S. Ahmed Email: mgmtss.utsc@utoronto.ca (BBA)
S. Damouras Email: sotirios.damouras@utoronto.ca (BSc)

This Double Degree program combines the Specialist Program in Management and Finance and the Specialist Program in Statistics, Quantitative Finance stream. Students completing the Double Degree program will qualify to graduate with two-degree designations – the Bachelor of Business Administration (BBA) and the Honours Bachelor of Science (BSc), assuming all other degree criteria are met.

Enrolment Requirements

Enrolment in this Double Degree program is limited.

1. Students applying directly from high school are admitted on the basis of academic performance. They must have completed Grade 12 English, Grade 12 Advanced Functions, and Grade 12 Calculus & Vectors. Applicants must also submit a Supplementary Application Form.

Course Guidelines for Students Admitted to the Double Degree Program Directly from High School
Students must complete the following courses in their first year of study: MGEA02H3, MGEA06H3, MATA22H3, MATA31H3, MATA37H3, MATA67H3/CSCA67H3, MGAB01H3, MGAB02H3, MGHA12H3, MGMA01H3 and MGTA38H3.

2. Students already pursuing a BBA program and degree may apply to enter the Double Degree program. The application can be made before the end of the Winter semester and/or before the end of the Summer semester. Application for admission will be considered only for the round during which the student has made the Subject POSt request. Students considering switching to the Double Degree program should consult with the program supervisors as soon as possible.

The minimum Cumulative Grade Point Average (CGPA) for admission is calculated for each application period, and is based on University of Toronto courses only. Decisions are made when all grades have been received.

Students must have completed at least 5.0 credits (none of which can be designated as CR/NCR), including: MGEA02H3, MGEA06H3, MGAB01H3, MGAB02H3, MGTA38H3, MATA22H3, MGHA12H3, MATA31H3, MATA37H3, and MATA67H3/CSCA67H3.

Students who have taken MATA34H3 or [[MATA30H3 or (MATA32H3)] and [(MATA33H3) or MATA36H3]] instead of [MATA31H3 and MATA37H3] can still apply to the Double Degree program if they are taking or plan to take MATA37H3 at the time of application and could receive admission conditional on their grade in MATA37H3 being above a threshold to be specified each year.

Notes:

1. Students MUST complete the pre-requisite of MATA67H3/CSCA67H3 in order to take MATA37H3.
2. MATA34H3 is not a substitute for MATA31H3. Students who have completed MATA34H3 will be required to take MATA31H3 as an Extra (EXT) course before taking MATA37H3.

Students may apply until they have completed up to 10.0 credits. Students who have completed more than 10.0 credits will not be admitted to the Double Degree program. For those who apply with more than 5.0 credits, their CGPA at the time of application will be calculated with more weight assigned to the required courses listed under the 5.0 credits.

CGPA Requirement to Remain in the Double Degree (Specialist Programs)

In order to remain in the Double Degree, students must maintain a CGPA of 2.0 or higher after having attempted at least 4.0 credits. Students whose CGPA falls below 2.1 (but not below 2.0) will have the opportunity to move to either the non Co-op BBA Specialist Program in Management and Finance, or the non Co-op BSc Specialist Program in Statistics, Quantitative Finance stream. If they choose to stay in the Double Degree program and their CGPA falls below 2.0, they will be removed from the Double Degree program. Students removed from the program for this reason may request re-instatement if they complete at least 2.0 credits (none of which can be designated as CR/NCR) in the following session and raise their CGPA to at least 2.0. This opportunity will be provided only once.

Program Requirements
The Double Degree program requires the completion of 25.0 credits. 21.5 credits are core program requirements as listed below, and 3.5 further credits are required to complete degree requirements.

NOTE: Students who have taken STAB52H3 and STAB57H3 and then transfer to any other BBA program must also take MGEB12H3 to fulfill the program requirements.

1. Communications requirement (0.5 credit)
MGTA38H3 Management Communications

2. Management requirements (5.0 credits)
MGAB01H3 Introductory Financial Accounting I
MGAB02H3 Introductory Financial Accounting II
MGAB03H3 Introductory Management Accounting
MGHB02H3 Managing People and Groups in Organizations
MGHA12H3 Human Resource Management
MGHC02H3 Management Skills
MGMA01H3 Principles of Marketing
MGMB01H3 Marketing Management
MGOC10H3 Analysis for Decision-Making
MGOC20H3 Operations Management: A Mathematical Approach

3. Science requirements (9.0 credits)
CSCA08H3 Introduction to Computer Science I
MATA67H3/CSCA67H3 Discrete Mathematics
CSCC37H3 Introduction to Numerical Algorithms for Computational Mathematics
MATA22H3 Linear Algebra I for Mathematical Sciences
MATA31H3 Calculus I for Mathematical Sciences
MATA37H3 Calculus II for Mathematical Sciences
MATB24H3 Linear Algebra II
MATB41H3 Techniques of the Calculus of Several Variables I
MATB42H3 Techniques of the Calculus of Several Variables II
MATB44H3 Differential Equations I
MATB61H3 Linear Programming and Optimization
MATC46H3 Differential Equations II
STAB52H3 An Introduction to Probability
STAB57H3 An Introduction to Statistics
STAC62H3 Probability and Stochastic Processes I
STAC67H3 Regression Analysis
STAD37H3 Multivariate Analysis
STAD57H3 Time Series Analysis

4. Economics requirements (2.0 credits)
MGEA02H3 Introduction to Microeconomics: A Mathematical Approach
MGEA06H3 Introduction to Macroeconomics: A Mathematical Approach
MGEB02H3 Price Theory: A Mathematical Approach
MGEB06H3 Macroeconomic Theory and Policy: A Mathematical Approach

5. Finance requirements (3.0 credits)
MGFB10H3 Principles of Finance
MGFC10H3 Intermediate Finance
[MGFC30H3 Introduction to Derivatives Markets or STAB41H3 Financial Derivatives]
MGFC35H3/(MGFD10H3) Investments
STAC70H3 Statistics and Finance I
STAD70H3 Statistics and Finance II

6. At least four courses (2.0 credits) from:
MGEC71H3 Money and Banking
MGFC20H3 Personal Financial Management
MGFC45H3 Portfolio Management: Theory & Practice
MGFC50H3 International Financial Management
MGFC60H3 Financial Statement Analysis & Security Valuation
MGFD15H3 Private Equity
MGFD25H3 Financial Technologies and Applications (FinTech)
MGFD30H3 Risk Management
MGFD40H3 Investor Psychology and Behavioural Finance
MGFD50H3 Mergers and Acquisitions: Theory and Practice
MGFD60H3 Financial Modeling and Trading Strategies
MGFD70H3 Advanced Financial Management

NOTE: In selecting options and electives, students should refer to the guidelines for program breadth and depth found in the Degree Requirements section of this *Calendar*.

Calendar Section: Double Degree Programs, Management, Statistics

DOUBLE DEGREE: HONOURS BA, SPECIALIST PROGRAM IN ENGLISH / HONOURS BSc, SPECIALIST PROGRAM IN PSYCHOLOGY

This Double Degree program creates an accelerated pathway for students who would otherwise have to complete two separate Specialist programs and two separate degrees. It will provide students with a thorough, interdisciplinary education in both literary studies and Psychology. The Double Degree program takes advantage of existing synergies to allow students to complete both undergraduate programs and degrees within five years, without compromising on the core requirements of either program.

Enrolment Requirements

Enrolment in the Double Degree is limited. Students may apply after completing a minimum of 4.0 credits including ENGA01H3, ENGA02H3, PSYA01H3 and PSYA02H3. A final grade of at least 75% is required in each of PSYA01H3 and PSYA02H3. Students should apply to the program before they have completed 7.5 credits; however, students who have completed between 7.5 and 10.0 credits may apply to the program on a case-by-case basis by petitioning the program supervisor. Students who have completed more than 10.0 credits may not apply to the program. Application for admission will be made to the Office of the Registrar through ACORN in March/April and June/July.

Program Requirements
This program requires the completion of 25.0 credits, including at least 7.0 credits at the C-level and at least 3.5 credits at the D-level.

Psychology Courses **(10.5 credits)**

1. Introduction to Psychology (1.0 credit):
PSYA01H3 Introduction to Biological and Cognitive Psychology
PSYA02H3 Introduction to Clinical, Developmental, Personality and Social Psychology

2. Laboratory Methods (1.5 credits):
PSYB70H3 Methods in Psychological Science
PSYC70H3 Advanced Research Methods Laboratory
and 0.5 credit from among the following:
- PSYC06H3 Psychophysiology Laboratory
- PSYC71H3/(PSYC11H3) Social Psychology Laboratory
- PSYC72H3/(PSYC26H3) Developmental Psychology Laboratory
- PSYC74H3/(PSYC05H3) Human Movement Laboratory
- PSYC75H3/(PSYC58H3) Cognitive Psychology Laboratory
- PSYC76H3/(PSYC04H3) Brain Imaging Laboratory

3. Statistical Methods (1.0 credit):
PSYB07H3 Data Analysis in Psychology
[PSYC08H3 Advanced Data Analysis in Psychology or PSYC09H3 Applied Multiple Regression in Psychology]

4. PSYC02H3 Scientific Communication in Psychology (0.5 credit)

5. PSYC85H3 History of Psychology (0.5 credit)

6. Breadth in Psychology at the B-level and C-level (4.5 credits):
Students are required to take 2.5 credits at the B-level or C-level from one of the two content groups listed below, and 2.0 credits from the other group:
(a) Social and Developmental (PSY courses listed in the 10- and 20-series)
(b) Perception, Cognition and Physiology (PSY courses listed in the 50- and 60-series)

7. Seminars in Psychology at the D-level (1.0 credit):
Students must take 0.5 credit from each grouping below:
(a) Social and Developmental (PSY courses listed in the 10- and 20-series)
(b) Perception, Cognition and Physiology (PSY courses listed in the 50- and 60-series)

8. Additional 0.5 credit in Psychology at the C-level (0.5 credit)

***English Courses* (10.0 credits)**
Of the 10.0 credits, at least 3.0 credits must be at the C-level and 1.5 credits at the D-level.

1. All of the following (2.5 credits):
ENGA01H3 What is Literature?
ENGA02H3 Critical Writing About Literature
ENGB27H3 Charting Literary History I
ENGB28H3 Charting Literary History II
ENGC15H3 Introduction to Literary Theory and Criticism

2. 1.0 additional credits from courses whose content is pre-1900 (1.0 credit)
*See the English Course List for pre-1900 courses

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

4. 0.5 credit in Canadian Literature (0.5 credit)
*See the English Course List for courses in Canadian Literature

5. 5.5 additional credits in ENG or FLM courses (5.5 credits)

Notes:
(1.) Students may count no more than one of the following courses towards the Specialist requirements: ENGB35H3 Children's Literature, (ENGB36H3) Detective Fiction, (ENGB41H3) Science Fiction.
(2.) The following courses do not count towards any English programs: ENG100H, ENG185Y.

***Additional Psychology/English Courses* (2.0 credits)**
Students must complete a further 2.0 credits. Courses selected to complete this component can be in either English or Psychology or a combination of the two.

1. 1.0 credit at the C- or D-level in PSY and/or ENG courses

2. Capstone Requirement (1.0 credit)
Students must choose one of the options listed below:
ENGD26Y3 Independent Studies in Creative Writing: Poetry
ENGD27Y3 Independent Studies in Creative Writing: Prose
ENGD28Y3 Independent Studies in Creative Writing: Special Topics
ENGD98Y3 Senior Essay and Capstone Seminar
PSYD98Y3 Thesis in Psychology

Calendar Section: Double Degree Programs, English, Psychology

MAJOR (CO-OPERATIVE) PROGRAM IN BIOCHEMISTRY (SCIENCE) - SCMAJ1762C

Academic Program Supervisor of Studies: S. Dalili (416-287-7215) Email: sdalili@utsc.utoronto.ca
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca
The Major (Co-op) Program in Biochemistry 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 Biochemistry upon graduation.

In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term and Course requirements.

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.

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, including BIOA01H3, BIOA02H3, CHMA10H3, CHMA11H3, [MATA29H3 or MATA30H3] and [MATA35H3 or MATA36H3], 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 Biochemistry.

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 Biochemistry and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3. It is strongly recommended that CHMB16H3 and BIOB12H3 be completed prior to 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: COPC05H3 (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: Chemistry, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN BIOLOGY (SCIENCE) - SCMAJ1030M

Academic Program Supervisor: R. Sturge
Email: biology-major@utsc.utoronto.ca
Co-op Program Coordinator: C. Dixon
Email: coopsuccess.utsc@utoronto.ca

The Major (Co-op) in 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. For information on admissions, fees, work terms and standing in the Program, please see section 6B.5 (Co-operative Programs) or the Arts and Science Co-op section in this Calendar.

The minimum qualifications for entry are 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 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) in 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 CHEMISTRY (SCIENCE) - SCMAJ1376C

Academic Program Supervisor of Studies: S. Dalili (416-287-7215) Email: sdalili@utsc.utoronto.ca
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Chemistry 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 Chemistry upon graduation.
In addition to their academic course requirements, students must successfully complete the additive Arts & Science Co-op Work Term and Course requirements.

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

Enrolment Requirements
The minimum qualifications for entry are 4.0 credits, including CHMA10H3, CHMA11H3, MATA30H3, MATA36H3, PHYA10H3 and PHYA21H3, 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 Chemistry.

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 Chemistry and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3. It is strongly recommended that CHMB16H3 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: COPC05H3 (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 (COPC05H3) 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: Chemistry, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN CITY STUDIES (ARTS) - SCMAJCITC

Program Advisor: cit-advisor@utsc.utoronto.ca

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

The Major (Co-op) Program in City 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 City 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, 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 City 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 City Studies and have completed at least 10.0 credits.

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

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: City Studies, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN COMPUTER SCIENCE (SCIENCE) - SCMAJ1688C

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

The Major (Co-op) Program in Computer Science 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 Computer Science 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 Computer Science 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 Computer Science. 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 2.75 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.

Program Requirements
The course requirements of the Co-operative Major Program in Computer Science are identical to those of the Major Program in Computer Science.

To remain in the program, students must maintain a CGPA of 2.5 or higher throughout the program. To complete the program, students must meet the work term and course requirements described below.

Co-op Work Term Requirements
Students must satisfactorily complete three Co-op work terms, each of four-months duration, one of which can be during the summer. To be eligible for their first work term, students must be enrolled in the Major (Co-op) Program in Computer Science and have completed at least 7.0 credits, including all first year required courses (CSCA08H3, CSCA48H3, CSCA67H3,

MATA22H3, MATA31H3, MATA37H3).

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: COPC03H3 (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 (COPC03H3) 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: Computer Science, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN CONSERVATION AND BIODIVERSITY (SCIENCE) - SCMAJ1150C

Academic Program Supervisor: R. Sturge
Email: biodiversity@utsc.utoronto.ca
Co-op Program Coordinator: C. Dixon
Email: coopsuccess.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.

The Co-op option of the Conservation and Biodiversity program complements and punctuates academic course work with full-time work terms in the various governmental or non-governmental conservation agencies, in labs or in public or private industry. These placements help students define and refine their career and/or professional school goals. For information on admissions, fees, work terms and standing in the Program, please see section 6B.5 (Co-operative Programs) or the Arts and Science Co-op section in this Calendar.

Students apply to the Major (Co-operative) 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. A minimum cumulative grade point average (CGPA) of at least 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 UTSC Office of the Registrar's website 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 Conservation and Biodiversity.

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 ENGLISH (ARTS) - SCMAJ1645C

For more information, contact eng-ugc.utsc@utoronto.ca
Co-op Contact: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in English 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 English 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.

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

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 English and have completed at least 9.0 credits, including ENGA01H3 and ENGA02H3.

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

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: English, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN ENVIRONMENTAL CHEMISTRY (SCIENCE) - SCMAJ0361C

For an updated list of Academic Program Supervisors, please visit the Chemistry website.
Co-op Program Coordinator: coopsuccess.utsc@utoronto.ca

The Major (Co-op) Program in Environmental Chemistry 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 Environmental Chemistry 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
The minimum qualifications for entry are 4.0 credits, including: CHMA10H3, [CHMA11H3 or CHMA12H3], MATA30H3, MATA36H3, EESA01H3, *and 0.5 credit from:* [EESA06H3, EESA07H3, EESA11H3], 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:
Students must request the Co-op program on ACORN. Submission deadlines follow the Limited Enrolment Program Application Deadlines set by the Office of the Registrar each year. Failure to make 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 Environmental Chemistry.

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 Environmental Chemistry and have completed at least 7.0 credits, achieve a cumulative GPA of 2.5 or higher, and complete COPB50H3 and COPB51H3.It is strongly recommended that CHMB16H3 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: COPC05H3 (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 (COPC05H3) 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: Chemistry, Arts and Science Co-op

MAJOR (CO-OPERATIVE) PROGRAM IN ENVIRONMENTAL SCIENCE (SCIENCE) - SCMAJ1076A

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

The Major (Co-op) Program in Environmental Science 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 Environmental Science 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
The minimum qualifications for entry are 4.0 credits, including BIOA01H3, BIOA02H3, and EESA06H3, 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 Environmental Science.

Co-op Work Term Requirements

Students must satisfactorily complete Co-op work terms 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 Environmental Science 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: COPC05H3 (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 (COPC05H3) 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: Environmental Science, Arts and Science Co-op

Pagination

- Current page 1
- Page 2
- Page 3
- Page 4

- Page 5
- …
- Next page ››
- Last page Last »