# 2025-26 School of Graduate Studies Calendar: Combined Degree Programs

The University of Toronto offers approximately 140 combined degree programs (CDPs). This program category allows a student to study in two approved degree programs at the same time and to complete the requirements of both, providing a distinctive academic benefit to the student either through academic enrichment or academic acceleration. CDPs build on a strong academic rationale or synergy between the programs in the combination.

CDPs may embody the following combinations:

- undergraduate / master's degree programs
- second-entry undergraduate / master's degree programs
- second-entry undergraduate / doctoral degree programs
- master's / master's degree programs

A CDP is an entity; the student is registered in a CDP as well as in the two participating degree programs. On successful completion of the CDP, the student receives two degrees.

# Table of Contents

**Undergraduate / Master's Degree Programs** ..... **1**
STG, Engineering, Bachelor of Applied Science / Management, Master of Business Administration ..... 1
UTSC, Management and Accounting (Specialist), Bachelor of Business Administration / Master of Accounting and Finance ..... 3
UTSC, Management and Accounting (Specialist Co-op), Bachelor of Business Administration / Master of Accounting and Finance ..... 5
STG, Kinesiology, Bachelor of Kinesiology / Master of Teaching ..... 7
STG, Education and Society (Minor), Honours Bachelor of Arts / Child Study and Education, Master of Arts ..... 10
UTM, Environmental Management (Major), Honours Bachelor of Arts / Sustainability Management, Master of Science ..... 12
UTM, Environmental Management (Specialist), Honours Bachelor of Arts / Sustainability Management, Master of Science ..... 15
STG, English (Major), Honours Bachelor of Arts / Master of Teaching ..... 18
STG, History (Major), Honours Bachelor of Arts / Master of Teaching ..... 21
STG, Sociology (Major), Honours Bachelor of Arts / Master of Teaching ..... 24
UTM, French Studies (Major), Honours Bachelor of Arts / Master of Teaching ..... 27
UTM, Language Teaching and Learning: French (Major), Honours Bachelor of Arts / Master of Teaching ..... 30
UTM, French Studies (Specialist), Honours Bachelor of Arts / Master of Teaching ..... 33
UTM, Language Teaching and Learning: French and Italian (Specialist), Honours Bachelor of Arts / Master of Teaching ..... 36
UTSC, English (Major), Honours Bachelor of Arts / Master of Teaching ..... 39
UTSC, English (Major Co-op), Honours Bachelor of Arts / Master of Teaching ..... 42
UTSC, French (Major), Honours Bachelor of Arts / Master of Teaching ..... 45
UTSC, French (Major Co-op), Honours Bachelor of Arts / Master of Teaching ..... 48
UTSC, History (Major), Honours Bachelor of Arts / Master of Teaching ..... 51
UTSC, Human Geography (Major), Honours Bachelor of Arts / Master of Teaching ..... 54
UTSC, Socio-Cultural Anthropology (Major), Honours Bachelor of Arts / Master of Teaching ..... 57
UTSC, Sociology (Major), Honours Bachelor of Arts / Master of Teaching ..... 60
UTSC, Theatre and Performance (Major), Honours Bachelor of Arts / Master of Teaching ..... 63
UTSC, English (Specialist), Honours Bachelor of Arts / Master of Teaching ..... 66
UTSC, English (Specialist Co-op), Honours Bachelor of Arts / Master of Teaching ..... 69
UTSC, French (Specialist), Honours Bachelor of Arts / Master of Teaching ..... 72
UTSC, French (Specialist Co-op), Honours Bachelor of Arts / Master of Teaching ..... 75
UTSC, History (Specialist), Honours Bachelor of Arts / Master of Teaching ..... 78
UTSC, Human Geography (Specialist), Honours Bachelor of Arts / Master of Teaching ..... 81
UTSC, Socio-Cultural Anthropology (Specialist), Honours Bachelor of Arts / Master of Teaching ..... 84
UTSC, Sociology (Specialist), Honours Bachelor of Arts / Master of Teaching ..... 87
STG, Education and Society (Minor), Honours Bachelor of Science / Child Study and Education, Master of Arts ..... 90
UTM, Psychology (Major), Honours Bachelor of Science / Child Study and Education, Master of Arts ..... 92
UTM, Exceptionality in Human Learning (Specialist), Honours Bachelor of Science / Child Study and Education, Master of Arts ..... 94
UTM, Psychology (Specialist), Honours Bachelor of Science / Child Study and Education, Master of Arts ..... 96
UTSC, Global Environmental Change (Specialist), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering ..... 98
UTSC, Global Environmental Change (Specialist Co-op), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering ..... 100
UTSC, Global Environmental Change (Specialist), Honours Bachelor of Science / Civil Engineering, Master of Engineering ..... 102
UTSC, Global Environmental Change (Specialist Co-op), Honours Bachelor of Science / Civil Engineering, Master of Engineering ..... 104
UTSC, Environmental Chemistry (Specialist), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering ..... 106
UTSC, Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering ..... 108
UTSC, Environmental Chemistry (Specialist), Honours Bachelor of Science / Civil Engineering, Master of Engineering ..... 110
UTSC, Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science / Civil Engineering, Master of Engineering 112

UTSC, Environmental Geoscience (Specialist), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering....114
UTSC, Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering....116
UTSC, Environmental Geoscience (Specialist), Honours Bachelor of Science / Civil Engineering, Master of Engineering....118
UTSC, Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science / Civil Engineering, Master of Engineering....120
UTSC, Environmental Physics (Specialist), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering....122
UTSC, Environmental Physics (Specialist Co-op), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering....124
UTSC, Environmental Physics (Specialist), Honours Bachelor of Science / Civil Engineering, Master of Engineering....126
UTSC, Environmental Physics (Specialist Co-op), Honours Bachelor of Science / Civil Engineering, Master of Engineering....128
UTSC, Conservation and Biodiversity (Specialist), Honours Bachelor of Science / Master of Environmental Science....130
UTSC, Environmental Chemistry (Specialist), Honours Bachelor of Science / Master of Environmental Science....133
UTSC, Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science / Master of Environmental Science....136
UTSC, Environmental Geoscience (Specialist), Honours Bachelor of Science / Master of Environmental Science....139
UTSC, Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science / Master of Environmental Science....142
UTSC, Environmental Physics (Specialist), Honours Bachelor of Science / Master of Environmental Science....145
UTSC, Environmental Physics (Specialist Co-op), Honours Bachelor of Science / Master of Environmental Science....148
UTSC, Global Environmental Change (Specialist), Honours Bachelor of Science / Master of Environmental Science....151
UTSC, Global Environmental Change (Specialist Co-op), Honours Bachelor of Science / Master of Environmental Science....154
UTSC, Integrative Biology (Specialist), Honours Bachelor of Science / Master of Environmental Science....157
UTM, Environmental Science (Major), Honours Bachelor of Science / Sustainability Management, Master of Science....160
UTM, Environmental Science (Specialist), Honours Bachelor of Science / Sustainability Management, Master of Science....163
UTSC, Mental Health Studies (Specialist), Honours Bachelor of Science / Master of Social Work....166
UTSC, Mental Health Studies (Specialist Co-op), Honours Bachelor of Science / Master of Social Work....168
STG, Mathematics (Major), Honours Bachelor of Science / Master of Teaching....170
STG, Psychology (Major), Honours Bachelor of Science / Master of Teaching....173
UTM, Biology (Major), Honours Bachelor of Science / Master of Teaching....176
UTM, Biology for Health Sciences (Major), Honours Bachelor of Science / Master of Teaching....179
UTM, Chemistry (Major), Honours Bachelor of Science / Master of Teaching....182
UTM, Mathematical Sciences (Major), Honours Bachelor of Science / Master of Teaching....185
UTM, Physics (Major), Honours Bachelor of Science / Master of Teaching....188
UTM, Astronomical Sciences (Specialist), Honours Bachelor of Science / Master of Teaching....191
UTM, Biological Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching....194
UTM, Biology (Specialist), Honours Bachelor of Science / Master of Teaching....197
UTM, Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching....200
UTM, Comparative Physiology (Specialist), Honours Bachelor of Science / Master of Teaching....203
UTM, Ecology and Evolution (Specialist), Honours Bachelor of Science / Master of Teaching....206
UTM, Forensic Biology (Specialist), Honours Bachelor of Science / Master of Teaching....209
UTM, Forensic Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching....212
UTM, Mathematical Sciences (Specialist), Honours Bachelor of Science / Master of Teaching....215
UTM, Molecular Biology (Specialist), Honours Bachelor of Science / Master of Teaching....218
UTSC, Biochemistry (Major), Honours Bachelor of Science / Master of Teaching....221
UTSC, Biochemistry (Major Co-op), Honours Bachelor of Science / Master of Teaching....224
UTSC, Biology (Major), Honours Bachelor of Science / Master of Teaching....227
UTSC, Chemistry (Major), Honours Bachelor of Science / Master of Teaching....230
UTSC, Chemistry (Major Co-op), Honours Bachelor of Science / Master of Teaching....233
UTSC, Conservation and Biodiversity (Major), Honours Bachelor of Science / Master of Teaching....236
UTSC, Evolutionary Anthropology (Major), Honours Bachelor of Science / Master of Teaching....239
UTSC, Human Biology (Major), Honours Bachelor of Science / Master of Teaching....242
UTSC, Mathematics (Major), Honours Bachelor of Science / Master of Teaching....245
UTSC, Mathematics (Major Co-op), Honours Bachelor of Science / Master of Teaching....248

UTSC, Molecular Biology, Immunology and Disease (Major), Honours Bachelor of Science / Master of Teaching ..... 251
UTSC, Physics and Astrophysics (Major), Honours Bachelor of Science / Master of Teaching ..... 254
UTSC, Plant Biology (Major), Honours Bachelor of Science / Master of Teaching ..... 257
UTSC, Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching ..... 260
UTSC, Chemistry (Specialist Co-op), Honours Bachelor of Science / Master of Teaching ..... 263
UTSC, Conservation and Biodiversity (Specialist), Honours Bachelor of Science / Master of Teaching ..... 266
UTSC, Global Environmental Change (Specialist), Honours Bachelor of Science / Master of Teaching ..... 269
UTSC, Global Environmental Change (Specialist Co-op), Honours Bachelor of Science / Master of Teaching ..... 272
UTSC, Environmental Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching ..... 275
UTSC, Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science / Master of Teaching ..... 278
UTSC, Environmental Physics (Specialist), Honours Bachelor of Science / Master of Teaching ..... 281
UTSC, Environmental Physics (Specialist Co-op), Honours Bachelor of Science / Master of Teaching ..... 284
UTSC, Evolutionary Anthropology (Specialist), Honours Bachelor of Science / Master of Teaching ..... 287
UTSC, Human Biology (Specialist), Honours Bachelor of Science / Master of Teaching ..... 290
UTSC, Integrative Biology (Specialist), Honours Bachelor of Science / Master of Teaching ..... 293
UTSC, Mathematics (Specialist), Honours Bachelor of Science / Master of Teaching ..... 296
UTSC, Mathematics (Specialist Co-op), Honours Bachelor of Science / Master of Teaching ..... 299
UTSC, Medicinal and Biological Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching ..... 302
UTSC, Medicinal and Biological Chemistry (Specialist Co-op), Honours Bachelor of Science / Master of Teaching ..... 305
UTSC, Molecular Biology and Biotechnology (Specialist), Honours Bachelor of Science / Master of Teaching ..... 308
UTSC, Molecular Biology and Biotechnology (Specialist Co-op), Honours Bachelor of Science / Master of Teaching ..... 311
UTSC, Physical and Mathematical Sciences (Specialist), Honours Bachelor of Science / Master of Teaching ..... 314
UTSC, Physics and Astrophysics (Specialist), Honours Bachelor of Science / Master of Teaching ..... 317
STG, Music Education (Stream), Bachelor of Music / Master of Teaching ..... 320
**Second-Entry Undergraduate / Master's Degree Programs ..... 323**
Medicine, Doctor of / Management, Full-Time Option, Master of Business Administration ..... 323
STG, Law, Juris Doctor / Criminology and Sociolegal Studies, Master of Arts ..... 326
STG, Law, Juris Doctor / Economics, Master of Arts ..... 328
STG, Law, Juris Doctor / English, Master of Arts ..... 330
STG, Law, Juris Doctor / European and Eurasian Studies, Master of Arts ..... 332
STG, Law, Juris Doctor / Management, Master of Business Administration ..... 334
STG, Law, Juris Doctor / Master of Global Affairs ..... 336
STG, Law, Juris Doctor / Master of Information ..... 338
STG, Law, Juris Doctor / Master of Public Policy ..... 340
STG, Law, Juris Doctor / Master of Social Work ..... 342
STG, Pharmacy, Doctor of / Management, Master of Business Administration ..... 345
**Second-Entry Undergraduate / Doctoral Degree Programs ..... 347**
Medicine, Doctor of / Doctor of Philosophy ..... 347
STG, Law, Juris Doctor / Criminology and Sociolegal Studies, Doctor of Philosophy ..... 349
STG, Law, Juris Doctor / Economics, Doctor of Philosophy ..... 351
STG, Law, Juris Doctor / Philosophy, Doctor of Philosophy ..... 353
STG, Law, Juris Doctor / Political Science, Doctor of Philosophy ..... 355
**Master’s / Master’s Degree Programs ..... 357**
STG, Management, Master of Business Administration / Master of Global Affairs ..... 357
STG, Master of Information / Master of Museum Studies ..... 360

# Undergraduate / Master's Degree Programs

# STG, Engineering, Bachelor of Applied Science / Management, Master of Business Administration

## STG Eng BASc / MBA: Introduction

## Overview

**The Jeffrey Skoll Combined Bachelor of Applied Science in Engineering / Management, Master of Business Administration**, established by the Faculty of Applied Science and Engineering and the Rotman School of Management, provides a fast track for students to earn their bachelor's degree in engineering and an MBA in six years and eight months.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

The Jeffrey Skoll Combined Bachelor of Applied Science in Engineering / Management, Master of Business Administration
undergrad.engineering.utoronto.ca/academics-registration/skoll-bascmba-program
www.rotman.utoronto.ca/Degrees/MastersPrograms/JointDegrees/SkollMBA

Bachelor of Applied Science Program
Faculty of Applied Science and Engineering
Email: engineering@ecf.utoronto.ca

Master of Business Administration Program
Rotman School of Management
Email: mba@rotman.utoronto.ca

## STG Eng BASc / MBA: Application Process

- Applicants must apply to both the BASc program and the MBA program as specified in the admission requirements.
- Applicants must gain independent admission to both the BASc and MBA programs before they may be considered for admission to the CDP.
- BASc students may apply to the CDP in Year 4.

## STG Eng BASc / MBA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the BASc program, the School of Graduate Studies, and the MBA program.
  - Note: graduates of the BASc program who have completed the Professional Experience Year (PEY) internship need not meet the recommended MBA admission requirement of at least two years of full-time work experience.
- Applicants need a minimum B+ average in each of the following four sessions: 2F, 2W, 3F, 3W. Students with one session slightly below B+ who meet all other entrance parameters are welcome to apply.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 5 | • BASc program and degree requirements.<br>• Professional Experience Year (PEY) internship. | • Complete 20.0 full-course equivalents (FCEs) in BASc program and degree requirements<br>• In Year 4, apply to the CDP and MBA programs.<br>• Normally, after Year 3, complete the 16-month PEY internship in a business or not-for-profit setting. Students may opt to complete the PEY after Year 2. |
| 6 and 7 | • In Years 6 and 7, register for the MBA program and complete the MBA program requirements. | • Students complete all the full-time MBA program requirements as detailed in the Management, Rotman School calendar entry.<br>• Students have the option of completing an emphasis as part of their MBA degree program. Please see details in the Management MBA Emphases section. |

# UTSC, Management and Accounting (Specialist), Bachelor of Business Administration / Master of Accounting and Finance

## UTSC Mgt Acc (Spec) BBA / MAccFin: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Bachelor of Business Administration (BBA), Specialist in Management and Accounting / Master of Accounting and Finance (MAccFin)** allows exceptional students who are registered in the Management and Accounting (Specialist) program to apply during Year 2 of their studies and be considered for admission to the MAccFin program. The CDP is designed for students with no prior work experience who are interested in pursuing professional credentials (CPA, ACCA, CFA) and careers in professional practice, consultancy, corporate financial management, financial services, asset management, and entrepreneurship.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

BBA, Specialist in Management and Accounting / MAccFin
utsc.utoronto.ca/mgmt/maccfin-combined-degree-program

Bachelor of Business Administration Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/mgmt/management-and-accounting
Email: mgmtss@utsc.utoronto.ca

Master of Accounting and Finance Program
University of Toronto Scarborough
Web: www.uoft.me/maccfin
Email: maccfin@utsc.utoronto.ca

## UTSC Mgt Acc (Spec) BBA / MAccFin: Application Process

- Applicants must apply to the MAccFin program and the CDP.
- Qualified students in Year 2 of their BBA program apply to the MAccFin program and the CDP through the SGS online application system:
  - Students may apply after they have completed up to 10.0 full-course equivalents (FCEs); however, students who have completed more than 10.0 FCEs 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.
  - Provide a resumé.
- Applicants will be scored on each admission requirement and then ranked based on their overall score.

## UTSC Mgt Acc (Spec) BBA / MAccFin: Requirements

### Minimum Admission Requirements

Meeting minimum grade requirements does not guarantee admission. To be considered for **conditional admission to the MAccFin program and the CDP**, applicants must meet the following admission requirements:

- Be admitted to the BBA degree program and the Management and Accounting specialist program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.
  - Carry a full course load of 5.0 FCEs each year (i.e., complete 5.0 FCEs over three academic sessions: Fall, Winter, Summer).

To be given **full, unconditional admission to the MAccFin 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 BBA program or over upper-level (C- and D-level) courses.
- Students must have completed the following courses: MGAB02H3, MGAB03H3, MGAC01H3, MGFB10H3, and MGEB11H3, and have achieved a minimum grade of C+ (65%) in each course and an overall average of B+ (77%) across the courses.
- Students must have successfully completed specific non-core courses as determined by their undergraduate degree, and must have successfully completed specific core courses with a minimum grade of C+ (65%) in each course and an overall average of B (73%) across all core courses.
- Be conferred with the BBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

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.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • BBA degree requirements.<br>• Students are expected to carry a full course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year. | • Students must complete all BBA program requirements, with the modifications described, and the degree requirements.<br>• Students must complete MGEC08H3 *Economics of Markets and Financial Decision Making* (0.5 FCE in Economics).<br>• Students are exempted from MGEB12H3 *Quantitative Methods in Economics II* and MGAD70H3 *Advanced Accounting Case Analysis: A Capstone Course*.<br>• Students must complete MGFC35H3 *Investments* (0.5 FCE in Finance).<br>• Students must complete all of the following advanced accounting courses, which are necessary for Chartered Professional Accountant (CPA) designation: MGAD20H3, MGAD40H3, MGAD45H3, MGAD50H3, and MGAD65H3.<br>• In the Summer session of Year 3 of their undergraduate studies, students must complete the following graduate courses; the 1.0 FCE in graduate courses will be graded as graduate courses, as per the *University Assessment and Grading Practices and Policy*, 2020 (section B.4.1.2), and will count towards both the BBA degree and the MAccFin program and degree:<br>  ○ MAF2001H *Economics and Quantitative Methods* (0.5 FCE);<br>  ○ MAF2002H *Advanced Corporate Finance* (0.5 FCE). |
| 4 (Fall, Winter) | • Remaining BBA degree requirements. | • Students must complete all BBA program requirements, with the modifications described, and the degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements. |
| 4 (Summer) and 5 | • Remaining MAccFin program and degree requirements. | • Conditions of admission are removed following the student's graduation from the BBA program.<br>• Sessions 1 to 4: students must complete the remaining 7.5 FCEs of the MAccFin program and degree requirements. |

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

## UTSC Mgt Acc (Spec Co-op) BBA / MAccFin: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Bachelor of Business Administration (BBA), Specialist Co-op in Management and Accounting / Master of Accounting and Finance (MAccFin)** allows exceptional students who are registered in the Management and Accounting (Specialist Co-op) program to apply during Year 2 of their studies and be considered for admission to the MAccFin program. The CDP is designed for students with no prior work experience who are interested in pursuing professional credentials (CPA, ACCA, CFA) and careers in professional practice, consultancy, corporate financial management, financial services, asset management, and entrepreneurship.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

BBA, Specialist in Management and Accounting / MAccFin
utsc.utoronto.ca/mgmt/maccfin-combined-degree-program

Bachelor of Business Administration Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/mgmt/management-and-accounting
Email: mgmtss@utsc.utoronto.ca

Master of Accounting and Finance Program
University of Toronto Scarborough
Web: www.uoft.me/maccfin
Email: maccfin@utsc.utoronto.ca

## UTSC Mgt Acc (Spec Co-op) BBA / MAccFin: Application Process

- Applicants must apply to the MAccFin program and the CDP.
- Qualified students in Year 2 of their BBA program apply to the MAccFin program and the CDP through the SGS online application system:
  - Students may apply after they have completed up to 10.0 full-course equivalents (FCEs); however, students who have completed more than 10.0 FCEs 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.
  - Provide a resumé.
- Applicants will be scored on each admission requirement and then ranked based on their overall score.

## UTSC Mgt Acc (Spec Co-op) BBA / MAccFin: Requirements

### Minimum Admission Requirements

Meeting minimum grade requirements does not guarantee admission. To be considered for **conditional admission to the MAccFin program and the CDP**, applicants must meet the following admission requirements:

- Be admitted to the BBA degree program and the Management and Accounting specialist program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.
  - Carry a full course load of 5.0 FCEs each year (i.e., complete 5.0 FCEs over three academic sessions: Fall, Winter, Summer); where necessary, exceptions will be made for students in this co-op program.

To be given **full, unconditional admission to the MAccFin 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 BBA program or over upper-level (C- and D-level) courses.
- Students must have completed the following courses: MGAB02H3, MGAB03H3, MGAC01H3, MGFB10H3, and MGEB11H3, and have achieved a minimum grade of C+ (65%) in each course and an overall average of B+ (77%) across the courses.
- Students must have successfully completed specific non-core courses as determined by their undergraduate degree, and must have successfully completed specific core courses with a minimum grade of C+ (65%) in each course and an overall average of B (73%) across all core courses.
- Be conferred with the BBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

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.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • BBA degree requirements.<br>• Students are expected to carry a full course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year. | • Students must complete all BBA program requirements, with the modifications described, and the degree requirements.<br>• Students must complete MGEC08H3 *Economics of Markets and Financial Decision Making* (0.5 FCE in Economics).<br>• Students are exempted from MGEB12H3 *Quantitative Methods in Economics II* and MGAD70H3 *Advanced Accounting Case Analysis: A Capstone Course*.<br>• Students must complete MGFC35H3 *Investments* (0.5 FCE in Finance).<br>• Students must complete all of the following advanced accounting courses, which are necessary for Chartered Professional Accountant (CPA) designation: MGAD20H3, MGAD40H3, MGAD45H3, MGAD50H3, and MGAD65H3.<br>• In the Summer session of Year 3 of their undergraduate studies, students must complete the following graduate courses; the 1.0 FCE in graduate courses will be graded as graduate courses, as per the *University Assessment and Grading Practices and Policy*, 2020 (section B.4.1.2), and will count towards both the BBA degree and the MAccFin program and degree:<br>  ○ MAF2001H *Economics and Quantitative Methods*;<br>  ○ MAF2002H *Advanced Corporate Finance*. |
| 4 (Fall, Winter) | • Remaining BBA degree requirements. | • Students must complete all BBA program requirements, with the modifications described, and the degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements. |
| 4 (Summer) and 5 | • Remaining MAccFin program and degree requirements. | • Conditions of admission are removed following the student's graduation from the BBA program.<br>• Sessions 1 to 4: students must complete the remaining 7.5 FCEs of the MAccFin program and degree requirements. |

# STG, Kinesiology, Bachelor of Kinesiology / Master of Teaching

## STG Kin BKin / MT: Introduction

## Overview

The **Combined Degree Program (CDP): STG, Bachelor of Kinesiology / Master of Teaching** (MT) is designed for students interested in studying the intersections of kinesiology and education, coupled with professional teacher preparation.

Students earn a Bachelor of Kinesiology (BKin) degree from the Faculty of Kinesiology and Physical Education and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

STG, Kinesiology, Bachelor of Kinesiology / Master of Teaching
kpe.utoronto.ca/academics-researchcurrent-studentsundergraduate-studies/combined-master-teaching-degree-program

Bachelor of Kinesiology Program
Faculty of Kinesiology and Physical Education
Web: kpe.utoronto.ca/academics-researchfuture-students/bachelor-kinesiology-bkin
Email: undergrad.kpe@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## STG Kin BKin / MT: Application Process

- Applicants apply to the BKin program, the MT program, and the CDP.
- Applicants may apply to the CDP in Year 3 of the BKin program for an early conditional admission to the MT program.

## STG Kin BKin / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the BKin program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have an average grade equivalent to a mid-B (cumulative grade point average [CGPA] of 3.0) or higher, normally demonstrated by an average grade in Year 2.

- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 full-course equivalents [FCEs] in the first teaching subject and a minimum of 1.0 FCE (or 2.0 FCEs where applicable) in the second teaching subject by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the BKin program.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete 6.0 FCEs in the first teaching subject (i.e., health and physical education).
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their BKin academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the BKin degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • BKin degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ first teaching subject requirements (i.e., health and physical education), which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants);<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete 3.0 FCEs in the first teaching subject and 1.0 FCE in the second teaching subject.<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the BKin and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] Note that the teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| *The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# STG, Education and Society (Minor), Honours Bachelor of Arts / Child Study and Education, Master of Arts

## STG ES (Min) HBA / CSE MA: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Honours Bachelor of Arts, Minor in Education and Society / Child Study and Education, Master of Arts** is designed for students interested in studying the intersections of child study, education, and human development, coupled with professional teacher preparation.

This CDP permits the completion of both degrees in six years with 1.0 full-course equivalent (FCE) that may be counted towards both the undergraduate and graduate degree. Students admitted to the CDP will follow the academic path to completion outlined below.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

STG, Honours Bachelor of Arts, Minor in Education and Society / Child Study and Education, Master of Arts
Web: www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society/cdp

Minor in Education and Society, Honours Bachelor of Arts Program
Victoria College, Faculty of Arts and Science
Web: www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society
Academic Liaison Officer
Email: vic.academics@utoronto.ca

Master of Arts in Child Study and Education Program
Department of Applied Psychology and Human Development, Ontario Institute for Studies in Education (OISE)
Web: www.oise.utoronto.ca/aphd/programs/master-arts-child-study-education
Email: cse.program@utoronto.ca

## STG ES (Min) HBA / CSE MA: Application Process

- Applicants must apply to the Honours Bachelor of Arts (HBA) program, the MA in Child Study and Education (MA-CSE) program, and the CDP.

## STG ES (Min) HBA / CSE MA: Requirements

### Minimum Admission Requirements

To be considered for **conditional admission to the MA-CSE program and the CDP**, students must meet the qualifications as specified by the MA-CSE program (i.e., experience working with children, submission of a Statement of Intent, and resumé/CV) and the following requirements:

- Be admitted to the HBA degree program and the Education and Society minor program.
- Meet the admission requirements of the School of Graduate Studies and MA-CSE program.
- Be enrolled full-time and in good standing in the HBA degree program.
  - Be registered in Year 3 of the HBA program.
  - Have completed or be in progress to complete EDS360H/Y *Education Internship*, which will take place in a setting involving young children.
  - Have an average grade equivalent to at least an A– (cumulative grade point average [CGPA] of 3.7), normally demonstrated by an average grade in Year 2.
- Provide two letters of reference: one professional, one academic.

To be given **full, unconditional admission to the MA-CSE program**, students must meet the following requirements:

- Maintain at least an A– average (3.7 CGPA) in their final year or over senior (Years 3 and 4) courses.
- Achieve a least a B+ average in the 1.0 FCE graduate course taken in Year 4.
- Successfully complete the requirements for the HBA program with the minor in Education and Society.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

**Note:** at the undergraduate level, a credit is equal to a graduate-level full-course equivalent (FCE). Course weight is measured for both using a Y (1.0 weight) or H (0.5 weight) suffix.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • Undergraduate courses in accordance with Faculty of Arts and Science regulations for the HBA degree and Education and Society minor. | • 15.0 credits toward the HBA program and degree requirements.<br>• In the Fall session, students registered in Year 3 express interest in the CDP to the Victoria College Registrar's Office, which advises applicants on the process in collaboration with the OISE Office of the Registrar and Student Services. Successful applicants receive conditional acceptance to the CDP and MA-CSE. |
| 4 | • Undergraduate courses in accordance with the U of T regulations for the Education and Society minor.<br>• Graduate courses in accordance with the U of T regulations for the CDP. | • 4.0 credits toward the HBA program and degree requirements.<br>• 1.0 FCE in MA-CSE elective courses in consultation with the MA-CSE program chair. This will be counted as one credit toward the overall requirements of the HBA and MA-CSE programs. This 1.0 FCE is chosen from among master's-level courses in the Department of Applied Psychology and Human Development. Elective courses that are especially recommended for Child Study and Education students are listed in the Applied Psychology and Human Development calendar entry. |
| 5 and 6 | • Remaining graduate courses in accordance with the U of T regulations for the MA-CSE program. | • 10.0 FCEs in MA-CSE program requirements. See the Child Study and Education calendar entry for full course requirements.<br>• Note that students will have previously completed the 1.0 FCE in electives in Year 4 of the HBA program. |

# UTM, Environmental Management (Major), Honours Bachelor of Arts / Sustainability Management, Master of Science

## UTM Env Mgt (Maj) HBA / MScSM: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Arts, Major in Environmental Management / Master of Science in Sustainability Management** allows students to complete an undergraduate degree with an early conditional admission offer to the Master of Science in Sustainability Management (MScSM) program in their final year of study.

Although there is no acceleration in time to completion in this CDP, students will benefit from early admission to the MScSM program, early exposure to graduate-level courses, and a reduced course load while completing their MScSM degree.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

GGE Academic Advisor
Environmental Management Program
University of Toronto Mississauga
Web: www.utm.utoronto.ca/environment/academic-programs/environmental-management
Email: advisor.gge.utm@utoronto.ca

Program Coordinator
Master of Science in Sustainability Management Program
Institute for Management and Innovation
Web: www.utm.utoronto.ca/mscsm/master-science-sustainability-management-mscsm
Email: mscsm.utm@utoronto.ca

## UTM Env Mgt (Maj) HBA / MScSM: Application Process

- Applicants apply to the Honours Bachelor of Arts (HBA) program, the MScSM program, and the CDP.
- Applicants must gain independent admission to both the HBA and MScSM programs before they may be considered for admission to the CDP.
- Applicants apply to the CDP at the end of Year 3 of undergraduate study.
- Applicants apply and interview for early conditional admission to the MScSM program.

## UTM Env Mgt (Maj) HBA / MScSM: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Environmental Management major program.
- Meet the admission requirements of the School of Graduate Studies and the MScSM program.
- Be enrolled full-time and in good standing in the HBA program:
  - Have either completed or are currently enrolled in a minimum of 15.0 total full-course equivalents (FCEs).
  - Have a minimum annual grade point average (AGPA) of 3.7 in their most recent 5.0 FCEs.

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

- Be conferred with the HBA degree.
- Successfully complete 1.0 graduate FCE in MScSM courses.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Normally, 5.0 full-course equivalents (FCEs) towards the HBA program requirements. | • Students must complete a minimum of **2.0 FCEs** in core courses:<br>o Introduction: ENV100Y5 (1.0 FCE).<br>o Foundation: 1.0 FCE chosen from ANT102H5, ECO100Y5, GGR111H5, PHL105Y5, POL112H5, POL113H5, POL114H5, SOC100H5. |
| 2 | • Normally, 5.0 FCEs towards the HBA program requirements. | • Students must complete a minimum of **2.5 FCEs** in core courses:<br>o Environmental Management: ENV201H5 (0.5 FCE).<br>o Social Science/Humanities: 1.0 FCE chosen from ANT204Y5, ANT241Y5, ENG259H5, ENV250Y5, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR267H5, GGR269H5, GGR278H5, GGR288H5, PHL273H5.<br>o Science: 0.5 FCE chosen from BIO205H5, ERS201H5, GGR201H5, GGR214H5, GGR217H5, GGR227H5, PHY237H5.<br>o Analytical and Research Methods: 0.5 FCE chosen from GGR276H5, GGR277H5, GGR278H5, STA220H5, or another program-relevant 200/300-level research methods course, with the program advisor's permission. |
| 3 and 4 | • Normally, 5.0 FCEs each year towards the HBA program requirements.<br>• In order to be eligible for the CDP, students must have completed a minimum of 15.0 FCEs by the end of Year 3.<br>• Students must complete all HBA program requirements (20.0 FCEs) by the end of Year 4, in order to fulfil the conditions of the MScSM offer. | • Students must complete a minimum of **3.5 FCEs** in core courses:<br>o Environmental Management Perspectives: 1.0 FCE chosen from ANT357H5, ENV310H5, ENV393H5, HIS318H5, HIS319H5.<br>o Social, Economic, and Policy Perspectives: 1.5 FCEs chosen from ANT357H5, ANT368H5, ANT370H5, ECO373H5, ENV310H5, ENV320H5, ENV345H5, ENV351H5, ENV420H5, ENV425H5, ENV452H5, GGR318H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR425H5, GGR426H5, JGE378H5, MGT394H5, PHL373H1, POL343Y5, SOC339H5, SOC349H5, SOC356H5, WRI375H5.<br>o Scientific Perspectives: 0.5 FCE chosen from BIO333H5, BIO464H5, ENV495H5, ENV496H5, ERS313H5, ERS315H5, ERS321H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR317H5, GGR337H5, GGR374H5, GGR377H5, GGR384H5, GGR484H5; JGE378H5, SCI395H5, SCI396H5.<br>o Field, Project-Based, and Research Perspectives: 0.5 FCE chosen from ENV299Y5, ENV331H5, ENV332H5, ENV399Y5, GGR379H5, GGR389H5, JEG400Y5, JEG401Y5, or another program-relevant field, experiential, or research course, with the program advisor's permission.<br>• Students apply to the CDP and MScSM program at the end of Year 3. Students accepted to the CDP will receive a conditional offer of admission to the MScSM program.<br>• In Year 4, students complete 1.0 FCE in MScSM courses, chosen from EES1124H, EES1125H, ENV1002H, ENV1704H, ENV1707H, SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H, or another program-relevant graduate course with the MScSM program director's permission. |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | • Once accepted into the CDP, students will work with the MScSM director to choose appropriate graduate-level courses to complete during their final undergraduate year. |
| 5 and 6 | • Students complete all MScSM program requirements with advanced standing of 1.0 FCE granted.<br>• Students complete an additional 8.0 FCEs towards the MScSM program requirements. | • Conditions of admission to the MScSM program are removed.<br>• Exact courses will vary based on the 1.0 FCE completed in Year 4.<br>• **5.0 to 6.0 FCEs in core courses:** SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM1090H, SSM1100Y, SSM1110H.<br>• **2.0 to 3.0 FCEs in elective courses;** examples include:<br>  ○ Science electives: EES1117H, EES1125H, ENV1002H, ENV1704H.<br>  ○ Management electives: EES1124H, ENV1707H, SSM2010H, SSM2020H.<br>• The **internship placement** (SSM1110H) will range from 2 to 4 months in length. |

# UTM, Environmental Management (Specialist), Honours Bachelor of Arts / Sustainability Management, Master of Science

## UTM Env Mgt (Spec) HBA / MScSM: Introduction

## Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Arts, Specialist in Environmental Management / Master of Science in Sustainability Management** allows students to complete an undergraduate degree with an early conditional admission offer to the Master of Science in Sustainability Management (MScSM) program in their final year of study.

Although there is no acceleration in time to completion in this CDP, students will benefit from early admission to the MScSM program, early exposure to graduate-level courses, and a reduced course load while completing their MScSM degree.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

GGE Academic Advisor
Environmental Management Program
University of Toronto Mississauga
Web: www.utm.utoronto.ca/environment/academic-programs/environmental-management
Email: advisor.gge.utm@utoronto.ca

Program Coordinator
Master of Science in Sustainability Management Program
Institute for Management and Innovation
Web: www.utm.utoronto.ca/mscsm/master-science-sustainability-management-mscsm
Email: mscsm.utm@utoronto.ca

## UTM Env Mgt (Spec) HBA / MScSM: Application Process

- Applicants apply to the Honours Bachelor of Arts (HBA) program, the MScSM program, and the CDP.
- Applicants must gain independent admission to both the HBA and MScSM programs before they may be considered for admission to the CDP.
- Applicants apply to the CDP at the end of Year 3 of undergraduate study.
- Applicants apply and interview for early conditional admission to the MScSM program.

## UTM Env Mgt (Spec) HBA / MScSM: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Environmental Management specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MScSM program.
- Be enrolled full-time and in good standing in the HBA program:
  - Have either completed or are currently enrolled in a minimum of 15.0 total full-course equivalents (FCEs).
  - Have a minimum annual grade point average (AGPA) of 3.7 in their most recent 5.0 FCEs.

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

- Be conferred with the HBA degree.
- Successfully complete 1.0 graduate FCE in MScSM courses.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Normally, 5.0 full-course equivalents (FCEs) towards the HBA program requirements. | • Students must complete a minimum of **3.0 FCEs** in core courses:<br>o Introduction: ENV100Y5 (1.0 FCE).<br>o Economics: ECO100Y5 (1.0 FCE).<br>o Foundation: 1.0 FCE chosen from ANT102H5, GGR111H5, PHL105Y5, POL112H5, POL113H5, POL114H5, SOC100H5. |
| 2 | • Normally, 5.0 FCEs towards the HBA program requirements. | • Students must complete a minimum of **4.0 FCEs** in core courses:<br>o Environmental Management: ENV201H5 (0.5 FCE).<br>o Social Science/Humanities: 1.5 FCEs chosen from ANT204Y5, ANT241Y5, ECO200Y5, ENG259H5, ENV250Y5, GGR202H5, GGR207H5, GGR208H5, GGR209H5, GGR210H5, GGR267H5, GGR269H5, GGR287H5, GGR288H5, MAT102H5, MAT133Y5, MAT134Y5, MAT135Y5, PHL273H5.<br>o Science: 1.0 FCE chosen from BIO201H5, BIO205H5, ERS201H5, ERS202H5, ERS203H5, GGR201H5, GGR214H5, GGR217H5, GGR227H5, PHY237H5.<br>o Statistics: 0.5 FCE chosen from GGR276H5, STA220H5, or other 200/300-level statistics course with the program advisor's permission.<br>o Analytical and Research Methods: 0.5 FCE chosen from GGR277H5, GGR278H5, STA221H5, or another program-relevant 200/300-level research methods course, with the program advisor's permission. |
| 3 and 4 | • Normally, 5.0 FCEs each year towards the HBA program requirements.<br>• In order to be eligible for the CDP, students must have completed a minimum of 15.0 FCEs by the end of Year 3.<br>• Students must complete all HBA program requirements (20.0 FCEs) by the end of Year 4, in order to fulfil the conditions of the MScSM offer. | • Students must complete a minimum of **5.0 FCEs** in core courses:<br>o Environmental Management Perspectives: 1.5 FCEs chosen from ANT357H5, ENV310H5, ENV393H5, HIS308H5, HIS319H5.<br>o Social, Economic, and Policy Perspectives: 2.0 FCEs chosen from ANT357H5, ANT368H5, ANT380H5, ECO373Y5, ENV320H5, ENV345H5, ENV351H5, ENV420H5, ENV425H5, ENV452H5, GGR318H5, GGR321H1, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR426H5, GGR493HS, JGE378H5, JUG320H1, MGT395H5, PHL373H1, POL343Y5, SOC339H5, SOC349H5, SOC356H5, WR1375H5.<br>o Scientific Perspectives: 0.5 FCE chosen from BIO333H5, BIO464H5, ENV495H5, ENV496H5, ERS313H5, ERS315H5, ERS321H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR317H5, GGR337H5, GGR374H5, GGR377H5, GGR384H5, GGR484H5, JGE378H5, SCI395H5, SCI396H5.<br>o Field, Project-Based, and Research Perspectives: 1.0 FCE chosen from ENV299Y5, ENV331H5, ENV332H5, ENV399Y5, ENV497H5, ENV498Y5, GGR379H5, GGR389H5, JEG400Y5, JEG401Y5, SCI498H5, SCI499H5, or another program-relevant field, experiential, or research course, with the program advisor's permission.<br>• Students apply to the CDP and the MScSM program at the end of Year 3. Students accepted to the CDP will receive a conditional offer of admission to the MScSM program. |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | • In Year 4, students complete **1.0 FCE** in MScSM courses, chosen from EES1124H, EES1125H, ENV1002H, ENV1704H, ENV1707H, SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H, or another program-relevant graduate course with the MScSM director's permission.<br>• Once accepted into the CDP, students will work with the MScSM director to choose appropriate graduate-level courses to complete during their final undergraduate year. |
| 5 and 6 | • Students complete all MScSM program requirements with advanced standing of 1.0 FCE granted.<br>• Students complete an additional 8.0 FCEs towards the MScSM program requirements. | • Conditions of admission to the MScSM program are removed.<br>• Exact courses will vary based on the 1.0 FCE completed in Year 4.<br>• **5.0 to 6.0 FCEs in core courses:** SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM1090H, SSM1100Y, SSM1110H.<br>• **2.0 to 3.0 FCEs in elective courses**; examples include:<br>  o Science electives: EES1117H, EES1125H, ENV1002H, ENV1704H.<br>  o Management electives: EES1124H, ENV1707H, SSM2010H, SSM2020H.<br>• The internship placement (SSM1110H) will range from 2 to 4 months in length. |

# STG, English (Major), Honours Bachelor of Arts / Master of Teaching

## STG Eng (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Honours Bachelor of Arts, Major in English / Master of Teaching** (MT) is designed for students interested in studying the intersections of English and education, coupled with professional teacher preparation.

Students earn a bachelor's degree from the Faculty of Arts and Science and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE), St. George (STG) campus. They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

STG, Honours Bachelor of Arts, Major in English / Master of Teaching
www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society/cdp

Honours Bachelor of Arts Program
Faculty of Arts and Science, Victoria College
Web: www.vic.utoronto.ca
Email: vic.academics@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## STG Eng (Maj) HBA / MT: Application Process

- Applicants apply to the Honours Bachelor of Arts (HBA) program, then to the MT program and the CDP.
- In the Spring session of Year 3 of the HBA program, students apply for conditional admission to the MT program.

## STG Eng (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the English major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.

- Have completed or be on course to complete the Education and Society minor program (Victoria College).
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 full-course equivalents (FCEs) in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in English, which fulfils the 6.0 FCEs required for English as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the English major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants);<br>  ○ the minor in Education and Society;<br>  ○ a second minor, which will also qualify as the minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCE in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# STG, History (Major), Honours Bachelor of Arts / Master of Teaching

## STG His (Maj) HBA / MT: Introduction

## Overview

The **Combined Degree Program (CDP): STG, Honours Bachelor of Arts, Major in History / Master of Teaching** (MT) is designed for students interested in studying the intersections of history and education, coupled with professional teacher preparation.

Students earn a bachelor's degree from the Faculty of Arts and Science and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE), St. George (STG) campus. They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

STG, Honours Bachelor of Arts, Major in History / Master of Teaching
www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society/cdp

Honours Bachelor of Arts Program
Faculty of Arts and Science, Victoria College
Web: www.vic.utoronto.ca
Email: vic.academics@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## STG His (Maj) HBA / MT: Application Process

- Applicants apply to the Honours Bachelor of Arts (HBA) program, then to the MT program and the CDP.
- In the Spring session of Year 3 of the HBA program, students apply for conditional admission to the MT program.

## STG His (Maj) HBA / MT: Requirements

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

- Be admitted to the HBA degree program and the History major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Be registered in Year 3 of the HBA program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- Have completed or be on course to complete the Education and Society minor program (Victoria College).

- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 full-course equivalents [FCEs] in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in History, which fulfils the 6.0 FCEs required for History as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the History major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants);<br>  ○ the minor in Education and Society;<br>  ○ a second minor, which will also qualify as the minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three options: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which option is selected. For details, see the MT calendar entry. | | |

# STG, Sociology (Major), Honours Bachelor of Arts / Master of Teaching

## STG Soc (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Honours Bachelor of Arts, Major in Sociology / Master of Teaching** (MT) is designed for students interested in studying the intersections of sociology and education, coupled with professional teacher preparation.

Students earn a bachelor's degree from the Faculty of Arts and Science and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE), St. George (STG) campus. They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

STG, Honours Bachelor of Arts, Major in Sociology / Master of Teaching
www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society/cdp

Honours Bachelor of Arts Program
Faculty of Arts and Science, Victoria College
Web: www.vic.utoronto.ca
Email: vic.academics@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## STG Soc (Maj) HBA / MT: Application Process

- Applicants apply to the Honours Bachelor of Arts (HBA) program, then to the MT program and the CDP.
- In the Spring session of Year 3 of the HBA program, students apply for conditional admission to the MT program.

## STG Soc (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Sociology major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.

- Have completed or be on course to complete the Education and Society minor program (Victoria College).
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 full-course equivalents [FCEs] in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Sociology, which fulfils the 6.0 FCEs required for Sociology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Sociology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants);<br>  ○ the minor in Education and Society;<br>  ○ a second minor, which will also qualify as the minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, French Studies (Major), Honours Bachelor of Arts / Master of Teaching

## UTM Fre St (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Arts, Major in French Studies / Master of Teaching** (MT) is designed for students interested in studying the intersections of French and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Arts Program, Major in French Studies
Department of Language Studies, University of Toronto Mississauga
Rosa Ciantar, Undergraduate Academic Counsellor
Web: www.utm.utoronto.ca/language-studies/
Email: undergrad.langst@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Fre St (Maj) HBA / MT: Application Process

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

## UTM Fre St (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the French Studies major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCE in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in French Studies, which fulfils the 6.0 FCEs required for French (Second Language) as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the French Studies major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCE in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Language Teaching and Learning: French (Major), Honours Bachelor of Arts / Master of Teaching

## UTM Lang Teach Learn Fre (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Arts, Major in Language Teaching and Learning: French / Master of Teaching** (MT) is designed for students interested in studying the intersections of French and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Arts Program, Major in Language Teaching and Learning: French
Department of Language Studies, University of Toronto Mississauga
Rosa Ciantar, Undergraduate Academic Counsellor
Web: www.utm.utoronto.ca/language-studies/
Email: undergrad.langst@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Lang Teach Learn Fre (Maj) HBA / MT: Application Process

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

## UTM Lang Teach Learn Fre (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Language Teaching and Learning: French major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Language Teaching and Learning: French, which fulfils the 6.0 FCEs required for French (Second Language) as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Language Teaching and Learning: French major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, French Studies (Specialist), Honours Bachelor of Arts / Master of Teaching

## UTM Fre St (Spec) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Arts, Specialist in French Studies / Master of Teaching** (MT) is designed for students interested in studying the intersections of French and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Arts Program, Specialist in French Studies
Department of Language Studies, University of Toronto Mississauga
Rosa Ciantar, Undergraduate Academic Counsellor
Web: www.utm.utoronto.ca/language-studies/
Email: undergrad.langst@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Fre St (Spec) HBA / MT: Application Process

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

## UTM Fre St (Spec) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the French Studies specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in French Studies, which fulfils the 6.0 FCEs required for French (Second Language) as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the French Studies specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Language Teaching and Learning: French and Italian (Specialist), Honours Bachelor of Arts / Master of Teaching

## UTM Lang Teach Learn Fre Ita (Spec) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Arts, Specialist in Language Teaching and Learning: French and Italian / Master of Teaching** (MT) is designed for students interested in studying the intersections of French and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Arts Program, Specialist in Language Teaching and Learning: French and Italian
Department of Language Studies, University of Toronto Mississauga
Rosa Ciantar, Undergraduate Academic Counsellor
Web: www.utm.utoronto.ca/language-studies/
Email: undergrad.langst@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Lang Teach Learn Fre Ita (Spec) HBA / MT: Application Process

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

## UTM Lang Teach Learn Fre Ita (Spec) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Language Teaching and Learning: French and Italian specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Language Teaching and Learning: French and Italian, which fulfils the 6.0 FCEs required for French (Second Language) as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Language Teaching and Learning: French and Italian specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, English (Major), Honours Bachelor of Arts / Master of Teaching

## UTSC Eng (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major in English / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/engdept
Email: eng-ugc.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Eng (Maj) HBA / MT: Application Process

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

## UTSC Eng (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the English major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in English, which fulfils the 6.0 FCEs required for English as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the English major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

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

## UTSC Eng (Maj Co-op) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major Co-op in English / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/engdept
Email: eng-ugc.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Eng (Maj Co-op) HBA / MT: Application Process

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

## UTSC Eng (Maj Co-op) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the English major co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major co-op in English, which fulfils the 6.0 FCEs required for English as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the English major co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, French (Major), Honours Bachelor of Arts / Master of Teaching

## UTSC Fre (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major in French / Master of Teaching** (MT) is designed for students interested in studying the intersections of French and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
Department of Language Studies, University of Toronto Scarborough
Web: www.utsc.utoronto.ca/dls/programs/french
Email: dls-ua@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Fre (Maj) HBA / MT: Application Process

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

## UTSC Fre (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the French major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Successfully complete the major in French, which fulfils the 6.0 FCEs required for French (Second Language) as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the French major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCE in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

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

## UTSC Fre (Maj Co-op) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major Co-op in French / Master of Teaching** (MT) is designed for students interested in studying the intersections of French and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
Department of Language Studies, University of Toronto Scarborough
Web: www.utsc.utoronto.ca/dls/programs/french
Email: dls-ua@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Fre (Maj Co-op) HBA / MT: Application Process

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

## UTSC Fre (Maj Co-op) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the French major co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major co-op in French, which fulfils the 6.0 FCEs required for French (Second Language) as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the French major co-op in French requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCE in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, History (Major), Honours Bachelor of Arts / Master of Teaching

## UTSC His (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major in History / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/hcs/history
Email: history-undergrad-advisor@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC His (Maj) HBA / MT: Application Process

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

## UTSC His (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the History major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in History, which fulfils the 6.0 FCEs required for History as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the History major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Human Geography (Major), Honours Bachelor of Arts / Master of Teaching

## UTSC Hum Ggr (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major in Human Geography / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/geography/human-geography
Email: ggr-advisor@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Hum Ggr (Maj) HBA / MT: Application Process

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

## UTSC Hum Ggr (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Human Geography major program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Human Geography, which fulfils the 6.0 FCEs required for Geography as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Human Geography major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Socio-Cultural Anthropology (Major), Honours Bachelor of Arts / Master of Teaching

## UTSC Soc Ant (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major in Socio-Cultural Anthropology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/anthropology/socio-cultural-anthropology
Email: anthropologyadvisor.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Soc Ant (Maj) HBA / MT: Application Process

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

## UTSC Soc Ant (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Socio-Cultural Anthropology major program.

- 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 program:
  - Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Socio-Cultural Anthropology, which fulfils the 6.0 FCEs required for Social Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program | • The undergraduate degree will include:<br>  ○ the Socio-Cultural Anthropology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | requirements and undergraduate degree requirements. | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Sociology (Major), Honours Bachelor of Arts / Master of Teaching

## UTSC Soc (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major in Sociology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/sociology
Email: sociologyadvisor.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Soc (Maj) HBA / MT: Application Process

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

## UTSC Soc (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Sociology major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Sociology, which fulfils the 6.0 FCEs required for Social Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>o the Sociology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>o a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Theatre and Performance (Major), Honours Bachelor of Arts / Master of Teaching

## UTSC Thtr Per (Maj) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Major in Theatre and Performance / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/acm/theatre-performance
Email: acm-pa@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Thtr Per (Maj) HBA / MT: Application Process

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

## UTSC Thtr Perf (Maj) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Theatre and Performance major program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Theatre and Performance, which fulfils the 6.0 FCEs required for Dramatic Arts as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Theatre and Performance major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, English (Specialist), Honours Bachelor of Arts / Master of Teaching

## UTSC Eng (Spec) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Specialist in English / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/engdept
Email: eng-ugc.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Eng (Spec) HBA / MT: Application Process

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

## UTSC Eng (Spec) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the English specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in English, which fulfils the 6.0 FCEs required for English as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the English specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

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

## UTSC Eng (Spec Co-op) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Specialist Co-op in English / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/engdept
Email: eng-ugc.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Eng (Spec Co-op) HBA / MT: Application Process

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

## UTSC Eng (Spec Co-op) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the English specialist co-op program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in one teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in English, which fulfils the 6.0 FCEs required for English as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the English specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA degree and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, French (Specialist), Honours Bachelor of Arts / Master of Teaching

## UTSC Fre (Spec) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Specialist in French / Master of Teaching** (MT) is designed for students interested in studying the intersections of French and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
Department of Language Studies, University of Toronto Scarborough
Web: www.utsc.utoronto.ca/dls/programs/french
Email: dls-ua@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Fre (Spec) HBA / MT: Application Process

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

## UTSC Fre (Spec) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the French specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in French, which fulfils the 6.0 FCEs required for French (Second Language) as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the French specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCE in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

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

## UTSC Fre (Spec Co-op) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Specialist Co-op in French / Master of Teaching** (MT) is designed for students interested in studying the intersections of French and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional

Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
Department of Language Studies, University of Toronto Scarborough
Web: www.utsc.utoronto.ca/dls/programs/french
Email: dls-ua@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Fre (Spec Co-op) HBA / MT: Application Process

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

## UTSC Fre (Spec Co-op) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the French specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in French, which fulfils the 6.0 FCEs required for French (Second Language) as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree includes:<br>  ○ the French specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCE in the second teaching subject (or 3.0 FCEs if the second teaching subject is a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, History (Specialist), Honours Bachelor of Arts / Master of Teaching

## UTSC His (Spec) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Specialist in History / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/hcs/history
Email: history-undergrad-advisor@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC His (Spec) HBA / MT: Application Process

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

## UTSC His (Spec) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the History specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in History, which fulfils the 6.0 FCEs required for History as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the History specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Human Geography (Specialist), Honours Bachelor of Arts / Master of Teaching

## UTSC Hum Ggr (Spec) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Specialist in Human Geography / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/geography/human-geography
Email: ggr-advisor@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Hum Ggr (Spec) HBA / MT: Application Process

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

## UTSC Hum Ggr (Spec) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Human Geography specialist program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Human Geography, which fulfils the 6.0 FCEs required for Geography as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Human Geography specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Socio-Cultural Anthropology (Specialist), Honours Bachelor of Arts / Master of Teaching

## UTSC Soc Ant (Spec) HBA / MT: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Specialist in Socio-Cultural Anthropology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/anthropology/socio-cultural-anthropology
Email: anthropologyadvisor.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Soc Ant (Spec) HBA / MT: Application Process

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

## UTSC Soc Ant (Spec) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Socio-Cultural Anthropology specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Socio-Cultural Anthropology, which fulfils the 6.0 FCEs required for Social Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Socio-Cultural Anthropology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Sociology (Specialist), Honours Bachelor of Arts / Master of Teaching

## UTSC Soc (Spec) HBA / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Arts, Specialist in Sociology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Arts Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/sociology
Email: sociologyadvisor.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Soc (Spec) HBA / MT: Application Process

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

## UTSC Soc (Spec) HBA / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBA degree program and the Sociology specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the HBA program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Sociology, which fulfils the 6.0 FCEs required for Social Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBA degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBA degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Sociology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBA and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# STG, Education and Society (Minor), Honours Bachelor of Science / Child Study and Education, Master of Arts

## STG ES (Min) HBSc / CSE MA: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Honours Bachelor of Science, Minor in Education and Society / Child Study and Education, Master of Arts** is designed for students interested in studying the intersections of child study, education, and human development, coupled with professional teacher preparation.

This CDP permits the completion of both degrees in six years with 1.0 full-course equivalent (FCE) that may be counted towards both the undergraduate and graduate degree. Students admitted to the CDP will follow the academic path to completion outlined below.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

STG, Honours Bachelor of Science, Minor in Education and Society / Child Study and Education, Master of Arts
Web: www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society/cdp

Minor in Education and Society, Honours Bachelor of Science Program
Victoria College, Faculty of Arts and Science
Web: www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society
Academic Liaison Officer
Email: vic.academics@utoronto.ca

Master of Arts in Child Study and Education Program
Department of Applied Psychology and Human Development, Ontario Institute for Studies in Education (OISE)
Web: www.oise.utoronto.ca/aphd/programs/master-arts-child-study-education
Email: cse.program@utoronto.ca

## STG ES (Min) HBSc / CSE MA: Application Process

- Applicants must apply to the Honours Bachelor of Science (HBSc) program, the MA in Child Study and Education (MA-CSE) program, and the CDP.

## STG ES (Min) HBSc / CSE MA: Requirements

### Minimum Admission Requirements

To be considered for **conditional admission to the MA-CSE program and the CDP**, students must meet the qualifications as specified by the MA-CSE program (i.e., experience working with children, submission of a Statement of Intent, and resumé/CV) and the following requirements:

- Be admitted to the HBSc degree program and the Education and Society minor program.
- Meet the admission requirements of the School of Graduate Studies and MA-CSE program.
- Be enrolled full-time and in good standing in the HBSc degree program.
  - Be registered in Year 3 of the HBSc program.
  - Have completed or be in progress to complete EDS360H/Y *Education Internship*, which will take place in a setting involving young children.
  - Have an average grade equivalent to at least an A– (cumulative grade point average [CGPA] of 3.7), normally demonstrated by an average grade in Year 2.
- Provide two letters of reference: one professional, one academic.

To be given **full, unconditional admission to the MA-CSE program**, students must meet the following requirements:

- Maintain at least an A– average (3.7 CGPA) in their final year or over senior (Years 3 and 4) courses.
- Achieve a least a B+ average in the 1.0 FCE graduate course taken in Year 4.
- Successfully complete the requirements for the HBSc program with the minor in Education and Society.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

**Note:** at the undergraduate level, a credit is equal to graduate-level full-course equivalent (FCE). Course weight is measured for both using a Y (1.0 weight) or H (0.5 weight) suffix.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • Undergraduate courses in accordance with Faculty of Arts and Science regulations for the HBSc degree and Education and Society minor. | • 15.0 credits toward the HBSc program and degree requirements.<br>• In the Fall session, students registered in Year 3 express interest in the CDP to the Victoria College Registrar's Office, which advises applicants on the process in collaboration with the OISE Office of the Registrar and Student Services. Successful applicants receive conditional acceptance to the CDP and MA-CSE. |
| 4 | • Undergraduate courses in accordance with the U of T regulations for the Education and Society minor.<br>• Graduate courses in accordance with the U of T regulations for the CDP. | • 4.0 credits toward the HBSc program and degree requirements.<br>• 1.0 FCE in MA-CSE elective courses in consultation with the MA-CSE program chair. This will be counted as one credit toward the overall requirements of the HBSc and MA-CSE programs. This 1.0 FCE is chosen from among master's-level courses in the Department of Applied Psychology and Human Development. Elective courses that are especially recommended for Child Study and Education students are listed in the Applied Psychology and Human Development calendar entry. |
| 5 and 6 | • Remaining graduate courses in accordance with the U of T regulations for the MA-CSE program. | • 10.0 FCEs in MA-CSE program requirements. See the Child Study and Education program entry for full course requirements.<br>• Note that students will have previously completed the 1.0 FCE in electives in Year 4 of the HBSc program. |

# UTM, Psychology (Major), Honours Bachelor of Science / Child Study and Education, Master of Arts

## UTM Psy (Maj) HBSc / CSE MA: Introduction

## Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Major in Psychology / Child Study and Education, Master of Arts** is designed for students interested in studying human development and related areas, such as diversity and inclusion. Students may apply studies in these areas towards professional training leading to teacher certification.

This CDP permits the completion of both degrees in six years. One full graduate course (1.0 full-course equivalent [FCE]) can be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Honours Bachelor of Science Program, Major in Psychology
Department of Psychological and Brain Sciences, University of Toronto Mississauga
Prof. Stuart Kamenetsky, Undergraduate Director and Program Advisor
Web: utm.calendar.utoronto.ca/section/Psychology
Email: stuart.kamenetsky@utoronto.ca

Master of Arts Program
Department of Applied Psychology and Human Development, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/aphd/programs/master-arts-child-study-education
Email: cse.program@utoronto.ca

## UTM Psy (Maj) HBSc / CSE MA: Application Process

- Applicants must apply to the Honours Bachelor of Science (HBSc) program, the MA in Child Study and Education (MA-CSE) program, and the CDP.

## UTM Psy (Maj) HBSc / CSE MA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the HBSc program, the School of Graduate Studies, and the MA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Undergraduate courses in accordance with the U of T regulations for the Psychology (Major), HBSc program. | • 5.0 full-course equivalents (FCEs) toward the HBSc program and degree requirements. |
| 2 | • Undergraduate courses in accordance with the U of T regulations for the Psychology (Major), HBSc program. | • 5.0 FCEs toward the HBSc program and degree requirements. |
| 3 | • Undergraduate courses in accordance with the U of T regulations for the Psychology (Major), HBSc program.<br>• Graduate courses in accordance with the U of T regulations for the MA program. | • 5.0 FCEs toward the HBSc program and degree requirements.<br>• In the Winter session, students apply to the MA program. Upon conditional acceptance, they may apply to the CDP. |
| 4 | • Undergraduate courses in accordance with the U of T regulations for the Psychology (Major), HBSc program. | 5.0 FCEs as follows:<br><br>• 4.0 FCEs toward the HBSc program and degree requirements.<br>• 1.0 FCE in MA elective courses in the spring and summer between Year 3 and Year 4; this will be counted toward the overall requirements of the HBSc and MA degree requirements. This 1.0 FCE is chosen from among master's-level courses in the Department of Applied Psychology and Human Development and, in some cases, other departments. Elective courses that are especially recommended for Child Study and Education students are listed in the Applied Psychology and Human Development calendar entry. Students without an undergraduate course in child development must take APD1201H *Child and Adolescent Development* as an elective.<br>• Upon degree conferral, students apply to the MA program in order to lift conditions of admission. |
| 5 and 6 | • Remaining graduate courses in accordance with the U of T regulations for the MA program. | • 10.0 FCEs in MA program requirements. See the Child Study and Education program entry for full course requirements.<br>• Note that students will have previously completed the 1.0 FCE in electives in the Spring and Summer sessions of Year 3 and Year 4 of the HBSc program. |

# UTM, Exceptionality in Human Learning (Specialist), Honours Bachelor of Science / Child Study and Education, Master of Arts

## UTM EHL (Spec) HBSc / CSE MA: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Exceptionality in Human Learning / Child Study and Education, Master of Arts** is designed for students interested in studying human development and related areas, such as diversity and inclusion. Students may apply studies in these areas towards professional training leading to teacher certification.

This CDP permits the completion of both degrees in six years. One full graduate course (1.0 full-course equivalent [FCE]) can be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Exceptionality in Human Learning
Department of Psychological and Brain Sciences, University of Toronto Mississauga
Prof. Stuart Kamenetsky, Undergraduate Director and Program Advisor
Web: utm.calendar.utoronto.ca/section/Exceptionality-in-Human-Learning
Email: stuart.kamenetsky@utoronto.ca

Master of Arts Program
Department of Applied Psychology and Human Development, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/aphd/programs/master-arts-child-study-education
Email: cse.program@utoronto.ca

## UTM EHL (Spec) HBSc / CSE MA: Application Process

- Applicants must apply to the Honours Bachelor of Science (HBSc) program, the Master of Arts (MA) program, and the CDP.
- Applicants must gain independent admission to both the HBSc and MA programs before they may be considered for admission to the CDP.

## UTM EHL (Spec) HBSc / CSE MA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the HBSc program, the School of Graduate Studies, and the MA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Undergraduate courses in accordance with the U of T regulations for the Exceptionality in Human Learning (Specialist), HBSc program. | • 5.0 full-course equivalents (FCEs) toward the HBSc program and degree requirements. |

| Year | Progression | Specific Requirements |
|---|---|---|
| 2 | • Undergraduate courses in accordance with the U of T regulations for the Exceptionality in Human Learning (Specialist), HBSc program. | • 5.0 FCEs toward the HBSc program and degree requirements. |
| 3 | • Undergraduate courses in accordance with the U of T regulations for the Exceptionality in Human Learning (Specialist), HBSc program.<br>• Graduate courses in accordance with the U of T regulations for the MA program. | • 5.0 FCEs toward the HBSc program and degree requirements.<br>• In the Winter session, students apply to the MA program. Upon conditional acceptance, they may apply to the CDP. |
| 4 | • Undergraduate courses in accordance with the U of T regulations for the Exceptionality in Human Learning (Specialist), HBSc program. | 5.0 FCEs as follows:<br><br>• 4.0 FCEs toward the HBSc program and degree requirements.<br>• 1.0 FCE in MA elective courses in the spring/summer between Year 3 and Year 4; this will be counted toward the overall requirements of the HBSc and MA degree requirements. This 1.0 FCE is chosen from among master's-level courses in the Department of Applied Psychology and Human Development and, in some cases, other departments. Elective courses that are especially recommended for Child Study and Education students are listed in the Applied Psychology and Human Development calendar entry. Students without an undergraduate course in child development must take APD1201H as an elective.<br>• Upon degree conferral, students apply to the MA program in order to lift conditions of admission. |
| 5 and 6 | • Remaining graduate courses in accordance with the U of T regulations for the MA program. | • 10.0 FCEs in MA program requirements. See the Child Study and Education program entry for full course requirements.<br>• Note that students will have previously completed the 1.0 FCE in electives in the Spring and Summer sessions of Year 3 and Year 4 of the HBSc program. |

# UTM, Psychology (Specialist), Honours Bachelor of Science / Child Study and Education, Master of Arts

## UTM Psy (Spec) HBSc / CSE MA: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Psychology / Child Study and Education, Master of Arts** is designed for students interested in studying human development and related areas, such as diversity and inclusion. Students may apply studies in these areas towards professional training leading to teacher certification.

This CDP permits the completion of both degrees in six years. One full graduate course (1.0 full-course equivalent [FCE]) can be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Psychology
Department of Psychological and Brain Sciences, University of Toronto Mississauga
Prof. Stuart Kamenetsky, Undergraduate Director and Program Advisor
Web: utm.calendar.utoronto.ca/section/Psychology
Email: stuart.kamenetsky@utoronto.ca

Master of Arts Program
Department of Applied Psychology and Human Development, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/aphd/programs/master-arts-child-study-education
Email: cse.program@utoronto.ca

## UTM Psy (Spec) HBSc / CSE MA: Application Process

- Applicants must apply to the Honours Bachelor of Science (HBSc) program, the Master of Arts (MA) program, and the CDP.
- Applicants must gain independent admission to both the HBSc and MA programs before they may be considered for admission to the CDP.

## UTM Psy (Spec) HBSc / CSE MA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the HBSc program, the School of Graduate Studies, and the MA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Undergraduate courses in accordance with the U of T regulations for the Psychology (Specialist), HBSc program. | • 5.0 full-course equivalents (FCEs) toward the HBSc program and degree requirements. |
| 2 | • Undergraduate courses in accordance with the U of T regulations for the Psychology (Specialist), HBSc program. | • 5.0 FCEs toward the HBSc program and degree requirements. |
| 3 | • Undergraduate courses in accordance with the U of T regulations for the Psychology (Specialist), HBSc program.<br>• Graduate courses in accordance with the U of T regulations for the MA program. | • 5.0 FCEs toward the HBSc program and degree requirements.<br>• In the Winter session, students apply to the MA program. Upon conditional acceptance, they may apply to the CDP. |
| 4 | • Undergraduate courses in accordance with the U of T regulations for the Psychology (Specialist), HBSc program. | 5.0 FCEs as follows:<br><br>• 4.0 FCEs toward the HBSc program and degree requirements.<br>• 1.0 FCE in MA elective courses in the spring and summer between Year 3 and Year 4; this will be counted toward the overall requirements of the HBSc and MA degree requirements. This 1.0 FCE is chosen from among master's-level courses in the Department of Applied Psychology and Human Development and, in some cases, other departments. Elective courses that are especially recommended for Child Study and Education students are listed in the Applied Psychology and Human Development calendar entry. Students without an undergraduate course in child development must take APD1201H as an elective.<br>• Upon degree conferral, students apply to the MA program in order to lift conditions of admission. |
| 5 and 6 | • Remaining graduate courses in accordance with the U of T regulations for the MA program. | • 10.0 FCEs in MA program requirements. See the Child Study and Education program entry for full course requirements.<br>• Note that students will have previously completed the 1.0 FCE in electives in the Spring and Summer sessions of Year 3 and Year 4 of the HBSc program. |

# UTSC, Global Environmental Change (Specialist), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering

## UTSC Glbl Env Change (Spec) HBSc / Chem MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Global Environmental Change / Chemical Engineering and Applied Chemistry, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Mandy Meriano
UTSC, Honours Bachelor of Science, Specialist in Global Environmental Change / Chemical Engineering and Applied Chemistry, Master of Engineering
Web: www.utsc.utoronto.ca/physsci/combined-programs; utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-engineering
Email: mmeriano@utsc.utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci; utsc.calendar.utoronto.ca/section/Environmental-Science
Email: mmeriano@utsc.utoronto.ca

Master of Engineering Program
Faculty of Applied Science and Engineering
Web: chem-eng.utoronto.ca/graduate-studies/programs-degrees/professional-degree-master-of-engineering-meng
Email: admissgrad.chemeng@utoronto.ca

## UTSC Glbl Env Change (Spec) HBSc / Chem MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Global Environmental Change (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Glbl Env Change (Spec) HBSc / Chem MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Global Environmental Change specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.

- Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Chemical Engineering and Applied Chemistry**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfill both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Chemical Engineering and Applied Chemistry Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs 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 FCEs required. |

# UTSC, Global Environmental Change (Specialist Co-op), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering

## UTSC Glbl Env Change (Spec Co-op) HBSc / Chem MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Global Environmental Change / Chemical Engineering and Applied Chemistry, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Mandy Meriano
UTSC, Honours Bachelor of Science, Specialist Co-op in Global Environmental Change / Chemical Engineering and Applied Chemistry, Master of Engineering
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Email: mmeriano@utsc.utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci; utsc.calendar.utoronto.ca/section/Environmental-Science
Email: mmeriano@utsc.utoronto.ca

Master of Engineering Program
Faculty of Applied Science and Engineering
Web: chem-eng.utoronto.ca/graduate-studies/programs-degrees/professional-degree-master-of-engineering-meng
Email: admissgrad.chemeng@utoronto.ca

## UTSC Glbl Env Change (Spec Co-op) HBSc / Chem MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Global Environmental Change (Specialist Co-op) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Glbl Env Change (Spec Co-op) HBSc / Chem MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Global Environmental Change specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Chemical Engineering and Applied Chemistry**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Chemical Engineering and Applied Chemistry Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Global Environmental Change (Specialist), Honours Bachelor of Science / Civil Engineering, Master of Engineering

## UTSC Glbl Env Change (Spec) HBSc / Civ MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Global Environmental Change / Civil Engineering, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

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Honours Bachelor of Science Program
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Email: mmeriano@utsc.utoronto.ca

Master of Engineering Program
Faculty of Applied Science and Engineering
Web: civmin.utoronto.ca/home/programs/graduate-programs/meng
Email: graduateadmissions@civ.utoronto.ca

## UTSC Glbl Env Change (Spec) HBSc / Civ MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Global Environmental Change (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Glbl Env Change (Spec) HBSc / Civ MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Global Environmental Change specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Civil Engineering**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Civil and Mineral Engineering Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs 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 FCEs required. |

# UTSC, Global Environmental Change (Specialist Co-op), Honours Bachelor of Science / Civil Engineering, Master of Engineering

## UTSC Glbl Env Change (Spec Co-op) HBSc / Civ MEng: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Global Environmental Change / Civil Engineering, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

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UTSC, Honours Bachelor of Science, Specialist Co-op in Global Environmental Change / Civil Engineering, Master of Engineering
Web: www.utsc.utoronto.ca/physsci/combined-programs;
utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-engineering
Email: mmeriano@utsc.utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Environmental-Science
Email: mmeriano@utsc.utoronto.ca

Master of Engineering Program
Faculty of Applied Science and Engineering
Web: civmin.utoronto.ca/home/programs/graduate-programs/meng
Email: graduateadmissions@civ.utoronto.ca

## UTSC Glbl Env Change (Spec Co-op) HBSc / Civ MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Global Environmental Change (Specialist Co-op) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Glbl Env Change (Spec Co-op) HBSc / Civ MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Global Environmental Change specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Civil Engineering**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Civil and Mineral Engineering Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Environmental Chemistry (Specialist), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering

## UTSC Env Chm (Spec) HBSc / Chem MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Chemistry / Chemical Engineering and Applied Chemistry, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Mandy Meriano
UTSC, Honours Bachelor of Science, Specialist in Environmental Chemistry / Chemical Engineering and Applied Chemistry, Master of Engineering
Web: www.utsc.utoronto.ca/physsci/combined-programs;
utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-engineering
Email: mmeriano@utsc.utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: mmeriano@utsc.utoronto.ca

Chemical Engineering and Applied Chemistry Program
Faculty of Applied Science and Engineering
Web: chem-eng.utoronto.ca/graduate-studies/programs-degrees/professional-degree-master-of-engineering-meng
Email: admissgrad.chemeng@utoronto.ca

## UTSC Env Chm (Spec) HBSc / Chem MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Chemistry (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Chm (Spec) HBSc / Chem MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Chemistry specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;

- Carry a full course load of 5.0 FCEs each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Chemical Engineering and Applied Chemistry**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses offered by the Chemical Engineering and Applied Chemistry Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs 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 FCEs required. |

# UTSC, Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering

## UTSC Env Chm (Spec Co-op) HBSc / Chem MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Chemistry / Chemical Engineering and Applied Chemistry, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Mandy Meriano
UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Chemistry / Chemical Engineering and Applied Chemistry, Master of Engineering
Web: www.utsc.utoronto.ca/physsci/combined-programs;
utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-engineering
Email: mmeriano@utsc.utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: mmeriano@utsc.utoronto.ca

Chemical Engineering and Applied Chemistry Program
Faculty of Applied Science and Engineering
Web: chem-eng.utoronto.ca/graduate-studies/programs-degrees/professional-degree-master-of-engineering-meng
Email: admissgrad.chemeng@utoronto.ca

## UTSC Env Chm (Spec Co-op) HBSc / Chem MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Chemistry (Specialist Co-op) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Chm (Spec Co-op) HBSc / Chem MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Chemistry specialist co-op program.
- Meet the admission requirements of School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;

- Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Chemical Engineering and Applied Chemistry**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program,
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses offered by the Chemical Engineering and Applied Chemistry Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Environmental Chemistry (Specialist), Honours Bachelor of Science / Civil Engineering, Master of Engineering

## UTSC Env Chm (Spec) HBSc / Civ MEng: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Chemistry / Civil Engineering, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

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Civil Engineering Program
Faculty of Applied Science and Engineering
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Email: graduateadmissions@civ.utoronto.ca

## UTSC Env Chm (Spec) HBSc / Civ MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Chemistry (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Chm (Spec) HBSc / Civ MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Chemistry specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Civil Engineering**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses, with the permission of the Civil and Mineral Engineering Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs 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 FCEs required. |

# UTSC, Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science / Civil Engineering, Master of Engineering

## UTSC Env Chm (Spec Co-op) HBSc / Civ MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Chemistry / Civil Engineering, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

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Civil Engineering Program
Faculty of Applied Science and Engineering
Web: civmin.utoronto.ca/home/programs/graduate-programs/meng
Email: graduateadmissions@civ.utoronto.ca

## UTSC Env Chm (Spec Co-op) HBSc / Civ MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Chemistry (Specialist Co-op) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Chm (Spec Co-op) HBSc / Civ MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Chemistry specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Civil Engineering**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Civil and Mineral Engineering Department; students are graded as graduate students must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Environmental Geoscience (Specialist), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering

## UTSC Env Geo (Spec) HBSc / Chem MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Geoscience / Chemical Engineering and Applied Chemistry, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

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## UTSC Env Geo (Spec) HBSc / Chem MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Geoscience (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Geo (Spec) HBSc / Chem MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Geoscience specialist program.
- Meet the admission requirements of School of Graduate Studies and the MEng 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 FCEs each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Chemical Engineering and Applied Chemistry**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of completing up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Chemical Engineering and Applied Chemistry Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs 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 FCEs required. |

# UTSC, Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering

## UTSC Env Geo (Spec Co-op) HBSc / Chem MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Geoscience / Chemical Engineering and Applied Chemistry, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

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## UTSC Env Geo (Spec Co-op) HBSc / Chem MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Geoscience (Specialist Co-op) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Geo (Spec Co-op) HBSc / Chem MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Geoscience specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.

- Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Chemical Engineering and Applied Chemistry**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Chemical Engineering and Applied Chemistry Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Environmental Geoscience (Specialist), Honours Bachelor of Science / Civil Engineering, Master of Engineering

## UTSC Env Geo (Spec) HBSc / Civ MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Geoscience / Civil Engineering, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

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Honours Bachelor of Science Program
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Civil Engineering Program
Faculty of Applied Science and Engineering
Web: civmin.utoronto.ca/home/programs/graduate-programs/meng
Email: graduateadmissions@civ.utoronto.ca

## UTSC Env Geo (Spec) HBSc / Civ MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Geoscience (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Geo (Spec) HBSc / Civ MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Geoscience specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Civil Engineering**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of 5.0 full-course equivalents (FCEs) over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Civil and Mineral Engineering Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs 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 FCEs required. |

# UTSC, Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science / Civil Engineering, Master of Engineering

## UTSC Env Geo (Spec Co-op) HBSc / Civ MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Geoscience / Civil Engineering, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

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Civil Engineering Program
Faculty of Applied Science and Engineering
Web: civmin.utoronto.ca/home/programs/graduate-programs/meng
Email: graduateadmissions@civ.utoronto.ca

## UTSC Env Geo (Spec Co-op) HBSc / Civ MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Geoscience (Specialist Co-op) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Geo (Spec Co-op) HBSc / Civ MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Geoscience specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Civil Engineering**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Civil and Mineral Engineering Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Environmental Physics (Specialist), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering

## UTSC Env Phy (Spec) HBSc / Chem MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Physics / Chemical Engineering and Applied Chemistry, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

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## UTSC Env Phy (Spec) HBSc / Chem MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Physics (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Phy (Spec) HBSc / Chem MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Physics specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;

- Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Chemical Engineering and Applied Chemistry**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Chemical Engineering and Applied Chemistry Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Environmental Physics (Specialist Co-op), Honours Bachelor of Science / Chemical Engineering and Applied Chemistry, Master of Engineering

## UTSC Env Phy (Spec Co-op) HBSc / Chem MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Physics / Chemical Engineering and Applied Chemistry, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

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Chemical Engineering and Applied Chemistry Program
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Email: admissgrad.chemeng@utoronto.ca

## UTSC Env Phy (Spec Co-op) HBSc / Chem MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Physics (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Phy (Spec Co-op) HBSc / Chem MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Physics specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;

- Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Chemical Engineering and Applied Chemistry**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Chemical Engineering and Applied Chemistry Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Environmental Physics (Specialist), Honours Bachelor of Science / Civil Engineering, Master of Engineering

## UTSC Env Phy (Spec) HBSc / Civ MEng: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Physics / Civil Engineering, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

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Email: graduateadmissions@civ.utoronto.ca

## UTSC Env Phy (Spec) HBSc / Civ MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Physics (Specialist) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Phy (Spec) HBSc / Civ MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Physics specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Civil Engineering**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Civil and Mineral Engineering Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Environmental Physics (Specialist Co-op), Honours Bachelor of Science / Civil Engineering, Master of Engineering

## UTSC Env Phy (Spec Co-op) HBSc / Civ MEng: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Physics / Civil Engineering, Master of Engineering** is a five-year program. For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

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Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Physics-and-Astrophysics
Email: mmeriano@utsc.utoronto.ca

Civil Engineering Program
Faculty of Applied Science and Engineering
Web: civmin.utoronto.ca/home/programs/graduate-programs/meng
Email: graduateadmissions@civ.utoronto.ca

## UTSC Env Phy (Spec Co-op) HBSc / Civ MEng: Application Process

- UTSC students in Year 3 of the Honours Bachelor of Science (HBSc) program in Environmental Physics (Specialist Co-op) who are interested in the CDP must contact Professor M. Meriano before the end of the Fall session.
- Qualified UTSC students will be able to apply to the 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.

## UTSC Env Phy (Spec Co-op) HBSc / Civ MEng: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc program and Environmental Physics specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MEng program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have a B+ average (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).

To be given **full, unconditional admission to the MEng program in Civil Engineering**, applicants must meet the following admission requirements:

- Maintain a B+ average (CGPA of 3.3) or higher in Year 3 and Year 4 of their HBSc program.
- Complete two prescribed undergraduate engineering half courses (1.0 FCE) as part of the HBSc degree requirements.
- Students who choose the option of taking up to 1.0 FCE in graduate courses in Year 4 must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements.<br>• Between Years 4 and 5, eligible students may begin the MEng program in the Summer session. | • Students are expected to carry a course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the CDP and may be offered conditional admission to the MEng program.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **must** complete 1.0 FCE in prescribed undergraduate engineering courses offered by the Faculty of Applied Science and Engineering. These courses can be counted towards the completion of the HBSc degree requirements.<br>• In Year 4, students who receive a conditional offer of admission to the CDP and MEng program **may** complete up to 1.0 FCE in graduate courses with the permission of the Civil and Mineral Engineering Department; students are graded as graduate students and must achieve a minimum grade of B–. These courses can be counted towards the completion of the HBSc degree requirements and the MEng program and degree requirements. |
| 5 | • Remaining MEng program requirements. | • Conditions of admission are removed.<br>• Complete 5.0 FCEs in MEng courses. Students who have completed up to 1.0 FCE in MEng courses in Year 4 may subtract those courses from the total 5.0 FCEs required. |

# UTSC, Conservation and Biodiversity (Specialist), Honours Bachelor of Science / Master of Environmental Science

## UTSC Cons Bio (Spec) HBSc / MEnvSc: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Conservation and Biodiversity / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

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Email: cdp.utsc@utoronto.ca

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utsc.calendar.utoronto.ca/section/Biological-Sciences
Email: biosciundergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Cons Bio (Spec) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

# UTSC Cons Bio (Spec) HBSc / MEnvSc: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Conservation and Biodiversity specialist program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.0 FCE) as part of the HBSc degree requirements:
  - BIOC63H3 *Conservation Biology* and
  - BIOD54H3 *Applied Conservation Biology*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field.
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE.
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE.
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist in Conservation and Biodiversity.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses<br>  ○ BIOC63H3 *Conservation Biology* (0.5 FCE) and<br>  ○ BIOD54H3 *Applied Conservation Biology* (0.5 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |

| Year | Progression | Specific Requirements |
|---|---|---|
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>  ○ coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>  ○ coursework (2.5 FCEs) and research paper (1.5 FCEs).<br>• Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>  ○ internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>  ○ research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Environmental Chemistry (Specialist), Honours Bachelor of Science / Master of Environmental Science

## UTSC Env Chm (Spec) HBSc / MEnvSc: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Chemistry / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
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Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca

## UTSC Env Chm (Spec) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

# UTSC Env Chm (Spec) HBSc / MEnvSc: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Chemistry specialist program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.5 FCEs) as part of the HBSc degree requirements:
  - EESC24H3 *Advanced Reading* (can be taken in Year 3 of the HBSc program);
  - EESD10Y3 *Research Project in Environmental Science*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field:
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE;
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE;
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist in Environmental Chemistry.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ EESC24H3 *Advanced Reading* (0.5 FCE) and<br>  ○ EESD10Y3 *Research Project in Environmental Science* (1.0 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |

| Year | Progression | Specific Requirements |
|---|---|---|
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>o coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>o coursework (2.5 FCEs) and research paper (1.5 FCEs).<br>• Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>o internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>o research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science / Master of Environmental Science

## UTSC Env Chm (Spec Co-op) HBSc / MEnvSc: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Chemistry / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Env Chm (Spec Co-op) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

## UTSC Env Chm (Spec Co-op) HBSc / MEnvSc: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Chemistry specialist co-op program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.5 FCEs) as part of the HBSc degree requirements:
  - EESC24H3 *Advanced Reading* (can be taken in Year 3 of the HBSc program);
  - EESD10Y3 *Research Project in Environmental Science*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field.
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE.
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE.
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist co-op in Environmental Chemistry.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ EESC24H3 *Advanced Reading* (0.5 FCE) and<br>  ○ EESD10Y3 *Research Project in Environmental Science* (1.0 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows: |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | ○ coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>○ coursework (2.5 FCEs) and research paper (1.5 FCEs).<br>• Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>○ internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>○ research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Environmental Geoscience (Specialist), Honours Bachelor of Science / Master of Environmental Science

## UTSC Env Geo (Spec) HBSc / MEnvSc: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Geoscience / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci; utsc.calendar.utoronto.ca/section/Environmental-Science
Email: dpes-undergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Env Geo (Spec) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

## UTSC Env Geo (Spec) HBSc / MEnvSc: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Geoscience specialist program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.5 FCEs) as part of the HBSc degree requirements:
  - EESC24H3 *Advanced Reading* (can be taken in Year 3 of the HBSc program);
  - EESD10Y3 *Research Project in Environmental Science*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field:
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE;
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE;
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist in Environmental Geoscience.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ EESC24H3 *Advanced Reading* (0.5 FCE) and<br>  ○ EESD10Y3 *Research Project in Environmental Science* (1.0 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |

| Year | Progression | Specific Requirements |
|---|---|---|
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>o coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>o coursework (2.5 FCEs) and research paper (1.5 FCEs).<br>• Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>o internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>o research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Environmental Geoscience (Specialist Co-op), Honours Bachelor of Science / Master of Environmental Science

## UTSC Env Geo (Spec Co-op) HBSc / MEnvSc: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Geoscience / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci; utsc.calendar.utoronto.ca/section/Environmental-Science
Email: dpes-undergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Env Geo (Spec Co-op) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

## UTSC Env Geo (Spec Co-op) HBSc / MEnvSc: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Geoscience specialist co-op program.

- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.5 FCEs) as part of the HBSc degree requirements:
  - EESC24H3 *Advanced Reading* (can be taken in Year 3 of the HBSc program);
  - EESD10Y3 *Research Project in Environmental Science*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field:
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE;
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE;
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist co-op in Environmental Geoscience.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ EESC24H3 *Advanced Reading* (0.5 FCE) and<br>  ○ EESD10Y3 *Research Project in Environmental Science* (1.0 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>  ○ coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>  ○ coursework (2.5 FCEs) and research paper (1.5 FCEs). |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | • Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>o internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>o research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Environmental Physics (Specialist), Honours Bachelor of Science / Master of Environmental Science

## UTSC Env Phy (Spec) HBSc / MEnvSc: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Physics / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
Email: cdp.utsc@utoronto.ca
Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Physics-and-Astrophysics
Email: dpes-undergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Env Phy (Spec) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

## UTSC Env Phy (Spec) HBSc / MEnvSc: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Physics specialist program.

- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.5 FCEs) as part of the HBSc degree requirements:
  - EESC24H3 *Advanced Reading* (can be taken in Year 3 of the HBSc program);
  - EESD10Y3 *Research Project in Environmental Science*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field:
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE;
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE;
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist in Environmental Physics.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ EESC24H3 *Advanced Reading* (0.5 FCE) and<br>  ○ EESD10Y3 *Research Project in Environmental Science* (1.0 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>  ○ coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>  ○ coursework (2.5 FCEs) and research paper (1.5 FCEs). |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | • Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>  ○ internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>  ○ research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Environmental Physics (Specialist Co-op), Honours Bachelor of Science / Master of Environmental Science

## UTSC Env Phy (Spec Co-op) HBSc / MEnvSc: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Physics / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Physics-and-Astrophysics
Email: dpes-undergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Env Phy (Spec Co-op) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

## UTSC Env Phy (Spec Co-op) HBSc / MEnvSc: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Physics specialist co-op program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.5 FCEs) as part of the HBSc degree requirements:
  - EESC24H3 *Advanced Reading* (can be taken in Year 3 of the HBSc program);
  - EESD10Y3 *Research Project in Environmental Science*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field.
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE;
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE;
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist co-op in Environmental Physics.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ EESC24H3 *Advanced Reading* (0.5 FCE) and<br>  ○ EESD10Y3 *Research Project in Environmental Science* (1.0 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |

| Year | Progression | Specific Requirements |
|---|---|---|
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>  ○ coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>  ○ coursework (2.5 FCEs) and research paper (1.5 FCEs).<br>• Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>  ○ internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>  ○ research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Global Environmental Change (Specialist), Honours Bachelor of Science / Master of Environmental Science

## UTSC Glbl Env Change (Spec) HBSc / MEnvSc: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Global Environmental Change / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci; utsc.calendar.utoronto.ca/section/Environmental-Science
Email: dpes-undergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Glbl Env Change (Spec) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

## UTSC Glbl Env Change (Spec) HBSc / MEnvSc: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Global Environmental Change specialist program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.5 FCEs) as part of the HBSc degree requirements:
  - EESC24H3 *Advanced Reading* (can be taken in Year 3 of the HBSc program).
  - EESD10Y3 *Research Project in Environmental Science*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field:
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE.
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE.
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist in Global Environmental Change.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ EESC24H3 *Advanced Reading* (0.5 FCE) and<br>  ○ EESD10Y3 *Research Project in Environmental Science* (1.0 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |

| Year | Progression | Specific Requirements |
|---|---|---|
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>o coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>o coursework (2.5 FCEs) and research paper (1.5 FCEs).<br>• Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>o internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>o research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Global Environmental Change (Specialist Co-op), Honours Bachelor of Science / Master of Environmental Science

## UTSC Glbl Env Change (Spec Co-op) HBSc / MEnvSc: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Global Environmental Change / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci; utsc.calendar.utoronto.ca/section/Environmental-Science
Email: dpes-undergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Glbl Env Change (Spec Co-op) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

## UTSC Glbl Env Change (Spec Co-op) HBSc / MEnvSc: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Global Environmental Change specialist co-op program.

- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2.
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.5 FCEs) as part of the HBSc degree requirements:
  - EESC24H3 *Advanced Reading* (can be taken in Year 3 of the HBSc program).
  - EESD10Y3 *Research Project in Environmental Science*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field:
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE.
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE.
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist co-op in Global Environmental Change.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ EESC24H3 *Advanced Reading* (0.5 FCE) and<br>  ○ EESD10Y3 *Research Project in Environmental Science* (1.0 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>  ○ coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>  ○ coursework (2.5 FCEs) and research paper (1.5 FCEs). |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | • Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>o internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>o research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTSC, Integrative Biology (Specialist), Honours Bachelor of Science / Master of Environmental Science

## UTSC Int Bio (Spec) HBSc / MEnvSc: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Integrative Biology / Master of Environmental Science** (MEnvSc) is designed for students interested in studying the intersections of environmental sciences with professional experiential preparation in emerging environmental challenges.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and a Master of Environmental Science degree. Distinct advantages include:

- early application to the MEnvSc program (in Year 3) and conditional admission to the MEnvSc program;
- addressing demand from undergraduate students for further training in order to improve their level of competence as environmental practitioners; and
- the opportunity to enrol in the MEnvSc program in the Summer session between Years 4 and 5 in order to complete either a two-month academic or internship training, in addition to the mandatory four-month academic or internship opportunity completed by students in the MEnvSc program alone.

This CDP permits the completion of both degrees in five years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

UTSC, Honours Bachelor of Science, Specialist in Integrative Biology / Master of Environmental Science
Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-master-environmental-science
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci;
utsc.calendar.utoronto.ca/section/Biological-Sciences
Email: biosciundergrad.utsc@utoronto.ca

Master of Environmental Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/master-environmental-science-overview
Email: dpes-menvsc-program.utsc@utoronto.ca

## UTSC Int Bio (Spec) HBSc / MEnvSc: 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; those accepted will receive a conditional offer to start the MEnvSc program upon completion of their HBSc program and degree requirements.

# UTSC Int Bio (Spec) HBSc / MEnvSc: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Integrative Biology specialist program.
- Meet the 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- Complete the following undergraduate courses (1.0 FCE) as part of the HBSc degree requirements:
  - BIOC63H3 *Conservation Biology* and
  - BIOD54H3 *Applied Conservation Biology*.

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– in both of the graduate courses taken in Year 4 of undergraduate study, chosen in consultation with the graduate program supervisor, as indicated below for each MEnvSc field.
  - Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* plus an additional 0.5 FCE.
  - Conservation and Biodiversity field: EES3002H *Conservation Policy* plus an additional 0.5 FCE.
  - Terrestrial and Aquatic Systems field: 1.0 FCE.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 3 | • HBSc degree requirements. | • The undergraduate degree will include the specialist in Integrative Biology.<br>• By the end of Year 3, students will select one of the three fields of study within the MEnvSc program at the time of application:<br>  ○ Climate Change Impacts and Adaptation;<br>  ○ Conservation and Biodiversity; or<br>  ○ Terrestrial and Aquatic Systems. |
| 4 | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements, including specific undergraduate courses for the CDP.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • Students who receive a conditional offer of admission to the CDP must complete the following undergraduate courses:<br>  ○ BIOC63H3 *Conservation Biology* (0.5 FCE) and<br>  ○ BIOD54H3 *Applied Conservation Biology* (0.5 FCE).<br>• Students must complete 1.0 FCE in graduate courses, chosen in consultation with the graduate program supervisor, as follows:<br>  ○ Climate Change Impacts and Adaptation field: EES1133H *Climate Change Science and Modelling* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Conservation and Biodiversity field: EES3002H *Conservation Policy* (0.5 FCE) plus an elective (0.5 FCE);<br>  ○ Terrestrial and Aquatic Systems field: 1.0 FCE. |

| Year | Progression | Specific Requirements |
|---|---|---|
| Optional registration in the Summer session prior to Year 5 | • Optional two-month academic or internship training. | • EES4001H *Internship Training 1* (0.5 FCE) **or** EES4003H *Academic Training 1* (0.5 FCE). |
| 5 | • Remaining courses from Year 1 and Year 2 of the MEnvSc program. | • Students registered in the optional Summer academic or internship training must complete 4.0 FCEs as follows:<br>o coursework (2.0 FCEs) and internship (2.0 FCEs) **or**<br>o coursework (2.5 FCEs) and research paper (1.5 FCEs).<br>• Students **not** registered in the optional Summer academic or internship training must complete 4.5 FCEs as follows:<br>o internship option: coursework (2.5 FCEs) and internship (2.0 FCEs) **or**<br>o research option: coursework (3.0 FCEs) and research paper (1.5 FCEs). |

# UTM, Environmental Science (Major), Honours Bachelor of Science / Sustainability Management, Master of Science

## UTM Env Sci (Maj) HBSc / MScSM: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Major in Environmental Science / Master of Science in Sustainability Management** (MScSM) allows students to complete an undergraduate degree with an early conditional admission offer to the Master of Science in Sustainability Management program in their final year of study.

Although there is no acceleration in time to completion in this CDP, students will benefit from early admission to the MScSM program, early exposure to graduate-level courses, and a reduced course load while completing their MScSM.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

UTM, Honours Bachelor of Science, Major in Environmental Science / Master of Science in Sustainability Management

GGE Academic Advisor
Environmental Management Program
University of Toronto Mississauga
Web: www.utm.utoronto.ca/environment/academic-programs/environmental-management
Email: advisor.gge.utm@utoronto.ca

Program Coordinator
Master of Science in Sustainability Management Program
Institute for Management and Innovation
Web: www.utm.utoronto.ca/mscsm/master-science-sustainability-management-mscsm
Email: mscsm.utm@utoronto.ca

## UTM Env Sci (Maj) HBSc / MScSM: Application Process

- Applicants apply to the Honours Bachelor of Science (HBSc), the MScSM program, and the CDP.
- Applicants must gain independent admission to both the HBSc and MScSM programs before they may be considered for admission to the CDP.
- Applicants apply to the CDP at the end of Year 3 of undergraduate study.
- Applicants apply and interview for early conditional admission to the MScSM program.

## UTM Env Sci (Maj) HBSc / MScSM: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Science major program.
- Meet the admission requirements of the School of Graduate Studies and the MScSM program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have either completed or are currently enrolled in a minimum of 15.0 total full-course equivalents (FCEs).
  - Have a minimum annual grade point average (AGPA) of 3.7 in their most recent 5.0 FCEs.

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

- Be conferred with the HBSc degree.
- Successfully complete 1.0 graduate FCE in MScSM courses.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Normally, 5.0 full-course equivalents (FCEs) towards the HBSc program requirements. | • Students must complete a minimum of 3.0 FCEs in core courses:<br>o Introduction: ENV100Y5 (1.0 FCE).<br>o Quantitative and Basic Science Foundation: 2.0 FCEs chosen from BIO152H5, BIO153H5, CHM110H5, CHM120H5, ERS120H5, GGR112H5, MAT134Y5, MAT135Y5, MAT137Y5, PHY135Y5, PHY136H5, PHY137H5. |
| 2 | • Normally, 5.0 FCEs towards the HBSc program requirements. | • Students must complete a minimum of 2.5 FCEs in core courses:<br>o Environmental Management: ENV201H5 (0.5 FCE).<br>o Biological and Ecological Perspectives: 0.5 FCE chosen from BIO202H5, BIO203H5, BIO205H5, BIO206H5.<br>o Geographical Perspectives: 0.5 FCE chosen from GGR201H5, GGR214H5, GGR217H5, GGR227H5.<br>o Physical and Chemical Perspectives: 0.5 FCE chosen from CHM231H5, CHM242H5, ERS201H5, JCP221H5, PHY237H5.<br>o Analytical and Research Methods: 0.5 FCE chosen from BIO360H5, CHM211H5, GGR276H5, STA220H5, or another program-relevant 200/300-level research methods course (SCI) with the program advisor's permission. |
| 3 and 4 | • Normally, 5.0 FCEs each year towards the HBSc program requirements.<br>• In order to be eligible for the CDP, students must have completed a minimum of 15.0 FCEs by the end of Year 3.<br>• Students must complete all HBSc program requirements (20.0 FCEs) by the end of Year 4, in order to fulfil the conditions of the MScSM offer. | • Students must complete a minimum of 2.5 FCEs in core courses:<br>o Environmental Science: ENV330H5 (0.5 FCE).<br>o Field, Project-Based, and Research Perspectives: 0.5 FCE chosen from ANT318H5, BIO3313H5, BIO329H5, BIO416H5, ERS325H5, ENV229Y5, ENV331H5, ENV332H5, ENV399Y5, GGR379H5, JEG400Y5, JEG401Y5, SCI395H5, SCI396H5, SCI498H5, SCI499H5, or another program-relevant field course (SCI) with the program advisor's permission.<br>o Biogeochemical Perspectives: 1.0 FCE chosen from BIO311H5, BIO312H5, BIO318Y5, BIO328H5, BIO330H5, BIO333H5, BIO373H5, BIO405H5, BIO406H5, BIO436H5, BIO464H5, CHM310H5, CHM311H5, CHM331H5, CHM333H5, CHM347H5, CHM361H5, CHM362H5, CHM391H5, CHM393H5, ENV495H5, ENV496H5, ERS313H5, ERS315H5, ERS321H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5, GGR315H5, GGR316H5, GGR317H5, GGR338H5, GGR372H5, GGR374H5, GGR377H5, GGR403H1, GGR406H5, GGR407H5, GGR409H1, GGR413H1, GGR463H5, GGR464H5, GGR479H5, JGE378H5, PHY331H5.<br>o Social, Economic, and Policy Perspectives: 0.5 FCE chosen from ANT357H5, ANT368H5, ECO373Y5, ENV250Y5, ENV310H5, ENV320H5, ENV345H5, ENV393H5, ENV420H5, ENV425H5, GGR318H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR420H5, HIS318H5, HIS319H5, JGE378H5, MGT394H5, PHL255H5, PHL273H5, PHL373H1, POL343Y5, SOC226H5, SOC339H5, SOC356H5, WRI375H5. |

| | | |
|---|---|---|
| | | • Students apply to the CDP and the MScSM program at the end of Year 3. Students accepted to the CDP will receive a conditional offer of admission to the MScSM program.<br>• In Year 4, students complete 1.0 FCE in MScSM courses, chosen from EES1124H, EES1125H, ENV1002H, ENV1704H, ENV1707H, SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H, or another program-relevant graduate course with the MScSM director's permission.<br>• Once accepted into the CDP, students will work with the MScSM director to choose appropriate graduate-level courses to complete during their final undergraduate year. |
| 5 and 6 | • Students complete all MScSM program requirements with advanced standing of 1.0 FCE granted.<br>• Students complete an additional 8.0 FCEs towards the MScSM program requirements. | • Conditions of admission to the MScSM program are removed.<br>• Exact courses will vary based on the 1.0 FCE completed in Year 4.<br>• 5.0 to 6.0 FCEs in core courses: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM1090H, SSM1100Y, SSM1110H.<br>• 2.0 to 3.0 FCEs in elective courses; examples include:<br>  ○ Science electives: EES1117H, EES1125H, ENV1002H, ENV1704H.<br>  ○ Management electives: EES1124H, ENV1707H, SSM2010H, SSM2020H.<br>• The internship placement (SSM1110H) will range from 2 to 4 months in length. |

# UTM, Environmental Science (Specialist), Honours Bachelor of Science / Sustainability Management, Master of Science

## UTM Env Sci (Spec) HBSc / MScSM: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Environmental Science / Master of Science in Sustainability Management** (MScSM) allows students to complete an undergraduate degree with an early conditional admission offer to the MScSM program in their final year of study.

Although there is no acceleration in time to completion in this CDP (the program length remains at four years for the HBSc and 20 months for the MScSM), students will benefit from early admission to the MScSM program, early exposure to graduate-level courses, and a reduced course load while completing their MScSM.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

UTM, Honours Bachelor of Science, Specialist in Environmental Science / Master of Science in Sustainability Management

GGE Academic Advisor
Environmental Management Program
University of Toronto Mississauga
Web: www.utm.utoronto.ca/environment/academic-programs/environmental-management
Email: advisor.gge.utm@utoronto.ca

Program Coordinator
Master of Science in Sustainability Management Program
Institute for Management and Innovation
Web: www.utm.utoronto.ca/mscsm/master-science-sustainability-management-mscsm
Email: mscsm.utm@utoronto.ca

## UTM Env Sci (Spec) HBSc / MScSM: Application Process

- Applicants apply to the Honours Bachelor of Science (HBSc) program, the MScSM program, and the CDP.
- Applicants must gain independent admission to both the HBSc and MScSM programs before they may be considered for admission to the CDP.
- Applicants apply to the CDP at the end of Year 3 of undergraduate study.
- Applicants apply and interview for early conditional admission to the MScSM program.

## UTM Env Sci (Spec) HBSc / MScSM: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Science specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MScSM program.
- Be enrolled full-time and in good standing in the HBSc program:
  - Have either completed or are currently enrolled in a minimum of 15.0 total full-course equivalents (FCEs);
  - Have a minimum annual grade point average (AGPA) of 3.7 in their most recent 5.0 FCEs.

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

- Be conferred with the HBSc degree.
- Successfully complete 1.0 graduate FCE in MScSM courses.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Normally, 5.0 full-course equivalents (FCEs) towards the HBSc program requirements. | • Students must complete a minimum of **4.0 FCEs** in core courses:<br>o Introduction: ENV100Y5 (1.0 FCE).<br>o Quantitative and Basic Science Foundation: 3.0 FCEs chosen from BIO152H5, BIO153H5, CHM110H5, CHM120H5, ERS120H5, GGR112H5, MAT134Y5, MAT135Y5, MAT137Y5, PHY135Y5, PHY136H5, PHY137H5. |
| 2 | • Normally, 5.0 FCEs towards the HBSc program requirements. | • Students must complete a minimum of **4.0 FCEs** in core courses:<br>o Environmental Management: ENV201H5 (0.5 FCE).<br>o Biological and Ecological Perspectives: 0.5 FCE chosen from BIO202H5, BIO203H5, BIO205H5, BIO206H5.<br>o Geographical Perspectives: 0.5 FCE chosen from GGR201H5, GGR214H5, GGR217H5, GGR227H5.<br>o Earth Science Perspectives: ERS201H5 (0.5 FCE).<br>o Physical and Chemical Perspectives: 1.0 FCE chosen from CHM231H5, CHM242H5, ERS202H5, ERS203H5, JCP221H5, PHY237H5.<br>o Analytical and Research Methods: 0.5 FCE chosen from BIO360H5, BIO361H5, CHM211H5, GGR276H5, STA220H5, STA221H5.<br>o Additional Analytical and Research Methods: 0.5 FCE chosen from the course list above or GGR278H5, GGR337H5, GGR308H5. |
| 3 and 4 | • Normally, 5.0 FCEs each year towards the HBSc program requirements.<br>• In order to be eligible for the CDP, students must have completed a minimum of 15.0 FCEs by the end of Year 3.<br>• Students must complete all HBSc program requirements (20.0 FCEs) by the end of Year 4, in order to fulfil the conditions of the MScSM offer. | • Students must complete a minimum of **4.0 FCEs** in core courses:<br>o Environmental Science: ENV330H5 (0.5 FCE).<br>o Field Perspectives: 0.5 FCE chosen from ANT318H5, BIO313H5, BIO329H5, BIO416H5, ENV331H5, ERS325H5, GGR379H5, GGR390H1, or another program-relevant field course (SCI) with the program advisor's permission.<br>o Field, Project-Based, and Research Perspectives: 1.0 FCE chosen from BIO400Y5, ENV332H5, ENV399Y5, ENV497H5, ENV498Y5, GGR417Y5, JEG400Y5, JEG401Y5, SCI395H5, SCI396H5, SCI498H5, SCI499H5, or another program-relevant, project-based research course (SCI) with the program advisor's permission.<br>o Biogeochemical Perspectives: 1.5 FCEs chosen from BIO311H5, BIO312H5, BIO318Y5, BIO328H5, BIO330H5, BIO333H5, BIO373H5, BIO405H5, BIO406H5, BIO436H5, BIO464H5, CHM310H1, CHM311H5, CHM331H5, CHM333H5, CHM347H5, CHM361H5, CHM362H5, CHM391H5, CHM393H5, CHM416H5, ENV490H5, ENV491H5, ENV495H5, ENV496H5, ERS313H5, ERS315H5, ERS321H5, GGR305H5, GGR307H5, GGR309H5, GGR311H5, GGR312H5, GGR315H5, GGR316H5, GGR317H5, GGR338H5, GGR372H5, GGR374H5, GGR375H5, GGR377H5, GGR384H5, GGR403H1, GGR406H5, GGR407H5, GGR409H1, GGR413H1, GGR463H5, GGR464H5, GGR479H5, GGR484H5, JGE378H5, PHY331H5. |

| | | |
|---|---|---|
| | | ○ Social, Economic, and Policy Perspectives: 0.5 FCE chosen from ANT357H5, ANT368H5, ECO373Y5, ENV250Y5, ENV310H5, ENV320H5, ENV345H5, ENV351H5, ENV393H5, ENV420H5, ENV425H5, ENV452H5; GGR318H5, GGR329H5, GGR333H5, GGR348H5, GGR349H5, GGR361H5, GGR365H5, GGR370H5, GGR418H5, GGR419H5, GGR420H5, GGR426H5, JGE378H5, HIS318H5, HIS319H5, MGT394H5, PHL273H5, PHL373H1, POL343Y5, SOC226H5, SOC339H5, SOC356H5, WRI375H5.<br>• Students apply to the CDP and the MScSM program at the end of Year 3. Students accepted to the CDP will receive a conditional offer of admission to the MScSM program.<br>• In Year 4, students complete **1.0 FCE in MScSM** courses, chosen from EES1124H, EES1125H, ENV1002H, ENV1704H, ENV1707H, SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM2010H, SSM2020H or another program-relevant graduate course with the MScSM director's permission.<br>• Once accepted to the CDP, students will work with the MScSM director to choose appropriate graduate-level courses to complete during their final undergraduate year. |
| 5 and 6 | • Students complete all MScSM program requirements with advanced standing of 1.0 FCE granted.<br>• Students complete an additional 8.0 FCEs towards the MScSM program requirements. | • Conditions of admission to the MScSM program are removed.<br>• Exact courses will vary based on the 1.0 FCE completed in Year 4.<br>• **5.0 to 6.0 FCEs in core courses**: SSM1010Y, SSM1020H, SSM1030H, SSM1040H, SSM1050H, SSM1060H, SSM1070H, SSM1080H, SSM1090H, SSM1100Y, SSM1110H.<br>• **2.0 to 3.0 FCEs in elective courses**; examples include:<br>○ Science electives: EES1117H, EES1125H, ENV1002H, ENV1704H.<br>○ Management electives: EES1124H, ENV1707H, SSM2010H, SSM2020H.<br>• The internship placement (SSM1110H) will range from 2 to 4 months in length. |

# UTSC, Mental Health Studies (Specialist), Honours Bachelor of Science / Master of Social Work

## UTSC MHS (Spec) HBSc / MSW: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Mental Health Studies / Master of Social Work** (MSW) provides a rich intellectual pathway for exceptional undergraduate students pursuing a career in social work. The CDP gives students access to social work research before they complete their undergraduate degree.

Students have an opportunity to become equipped for evidence-informed social work practice, through a research course in Year 4, with a Factor-Inwentash Faculty of Social Work co-supervisor.

The CDP allows well-qualified students in this specialist undergraduate program to apply during Year 3 and be considered for admission into the MSW two-year full-time program.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Mental Health Studies (Specialist), Honours Bachelor of Science / Master of Social Work
socialwork.utoronto.ca/programs/msw/msw-combined-programs

Honours Bachelor of Science Program
Department of Psychology, University of Toronto Scarborough
Web: www.utsc.utoronto.ca/psych
Email: psychology-undergraduate@utsc.utoronto.ca

Master of Social Work Program
Factor-Inwentash Faculty of Social Work
Web: socialwork.utoronto.ca/programs/msw
Email: admissions.fsw@utoronto.ca

## UTSC MHS (Spec) HBSc / MSW: Application Process

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

## UTSC MHS (Spec) HBSc / MSW: 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 (cumulative grade point average [CGPA] of 3.3) or higher in Year 2;
  - carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs 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.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements. | • Students must complete all HBSc program requirements and degree requirements.<br>• Students are expected to carry a full course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the MSW program and the CDP and may be offered conditional admission.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete 1.5 FCEs as follows:<br>  ○ UTSC D-level research course PSYD98Y3 *Thesis in Psychology* under the supervision of a UTSC Psychology faculty member in consultation with a Social Work faculty member (1.0 FCE).<br>  ○ UTSC D-level course PSYD37H3 *The Social Context of Mental Health and Illness* (0.5 FCE).<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements. |
| 5 | • MSW Year 1 program requirements.<br>• Students must select a specialization by the end of Year 1 of the MSW program. | • Conditions of admission are removed.<br>• Students must complete **4.0 FCEs** as follows: SWK4102H, SWK4103H, SWK4105H, SWK4107H, SWK4510H, SWK4602H, SWK4605H, SWK4654H.<br>• Student must complete the Year 1 practicum (SWK4701H).<br>• By the end of Year 1 of the MSW program, students must select one of the following fields of specializations: Children and Their Families; Gerontology; Health and Mental Health; Social Justice and Diversity; Social Service Administration. |
| 6 | • MSW Year 2 program requirements. | • In Year 2 of the MSW program, all students complete **1.0 FCE** in electives, the Year 2 practicum (SWK4702Y), and additional courses in their chosen field of specialization:<br>  ○ Children and Their Families: SWK4514H, SWK4608H, SWK4620H, SWK4625H.<br>  ○ Gerontology: AGE2000H, SWK4513H, SWK4612Y, SWK4618H.<br>  ○ Health and Mental Health: SWK4412H, SWK4511H, and *either:* SWK4622H and SWK4604H, *or* SWK4622H and SWK4632H, *or* SWK4604H and SWK4631H.<br>  ○ Social Justice and Diversity: SWK4304H, SWK4306H, SWK4512H, SWK4606H.<br>  ○ Social Service Administration: SWK4425H, SWK4426H, SWK4427H, SWK4515H. |

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

## UTSC MHS (Spec Co-op) HBSc / MSW: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Mental Health Studies / Master of Social Work** (MSW) provides a rich intellectual pathway for exceptional undergraduate students pursuing a career in social work. The CDP gives students access to social work research before they complete their undergraduate degree.

Students have an opportunity to become equipped for evidence-informed social work practice, through a research course in Year 4, with a Factor-Inwentash Faculty of Social Work co-supervisor.

The CDP allows well-qualified students in this specialist undergraduate program to apply during Year 3 and be considered for admission into the MSW two-year full-time program.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Mental Health Studies (Specialist), Honours Bachelor of Science / Master of Social Work
socialwork.utoronto.ca/programs/msw/msw-combined-programs

Honours Bachelor of Science Program
Department of Psychology, University of Toronto Scarborough
Web: www.utsc.utoronto.ca/psych
Email: psychology-undergraduate@utsc.utoronto.ca

Master of Social Work Program
Factor-Inwentash Faculty of Social Work
Web: socialwork.utoronto.ca/programs/msw
Email: admissions.fsw@utoronto.ca

## UTSC MHS (Spec Co-op) HBSc / MSW: Application Process

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

## UTSC MHS (Spec Co-op) HBSc / MSW: 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 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs 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.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• Work terms to fulfil the co-op requirement. | • Students must complete all HBSc program requirements and degree requirements.<br>• Students are expected to carry a full course load of **5.0 full-course equivalents (FCEs)** over the three academic sessions (Fall, Winter, Summer) of each year.<br>• In Year 3, qualified students may apply to the MSW program and the CDP and may be offered conditional admission.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete 1.5 FCEs as follows:<br>  ○ UTSC D-level research course PSYD98Y3 *Thesis in Psychology* under the supervision of a UTSC Psychology faculty member in consultation with a Social Work faculty member (1.0 FCE).<br>  ○ UTSC D-level course PSYD37H3 *The Social Context of Mental Health and Illness* (0.5 FCE).<br>• By the end of Year 4, fulfil both the undergraduate program requirements and the undergraduate degree requirements. |
| 5 | • MSW Year 1 program requirements.<br>• Students must select a specialization. | • Conditions of admission are removed.<br>• Students must complete **4.0 FCEs** as follows: SWK4102H, SWK4103H, SWK4105H, SWK4107H, SWK4510H, SWK4602H, SWK4605H, SWK4654H.<br>• Students must complete the Year 1 practicum (SWK4701H).<br>• By the end of Year 1 of the MSW program, students must select one of the following fields of specializations: Children and Their Families; Gerontology; Health and Mental Health; Social Justice and Diversity; or Social Service Administration. |
| 6 | • MSW Year 2 program requirements. | • In Year 2 of the MSW program, all students complete **1.0 FCE** in electives, the Year 2 practicum (SWK4702Y), and additional courses in their chosen field of specialization:<br>  ○ Children and Their Families: SWK4514H, SWK4608H, SWK4620H, SWK4625H.<br>  ○ Gerontology: AGE2000H, SWK4513H, SWK4612Y, SWK4618H.<br>  ○ Health and Mental Health: SWK4412H, SWK4511H, and *either:* SWK4622H and SWK4604H, *or* SWK4622H and SWK4632H, *or* SWK4604H and SWK4631H.<br>  ○ Social Justice and Diversity: SWK4304H, SWK4306H, SWK4512H, SWK4606H.<br>  ○ Social Service Administration: SWK4425H, SWK4426H, SWK4427H, SWK4515H. |

# STG, Mathematics (Major), Honours Bachelor of Science / Master of Teaching

## STG Mat (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Honours Bachelor of Science, Major in Mathematics / Master of Teaching** (MT) is designed for students interested in studying the intersections of math and education, coupled with professional teacher preparation.

Students earn a bachelor's degree from the Faculty of Arts and Science and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE), St. George (STG) campus. They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

STG, Honours Bachelor of Science, Major in Mathematics / Master of Teaching
www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society/cdp

Honours Bachelor of Science Program
Faculty of Arts and Science, Victoria College
Web: www.vic.utoronto.ca
Email: vic.academics@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## STG Mat (Maj) HBSc / MT: Application Process

- Applicants apply to the Honours Bachelor of Science (HBSc) program, then to the MT program and the CDP.
- In the Spring session of Year 3 of the HBSc program, students apply for conditional admission to the MT program.

## STG Mat (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Mathematics major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.

- Have completed or be on course to complete the Education and Society minor program (Victoria College).
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Mathematics, which fulfils the 6.0 FCEs required for Mathematics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Mathematics major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants);<br>  ○ the minor in Education and Society;<br>  ○ a second minor, which will also qualify as the minimum 3.0 FCEs required for the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# STG, Psychology (Major), Honours Bachelor of Science / Master of Teaching

## STG Psy (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Honours Bachelor of Science, Major in Psychology / Master of Teaching** (MT) is designed for students interested in studying the intersections of psychology and education, coupled with professional teacher preparation.

Students earn a bachelor's degree from the Faculty of Arts and Science and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE), St. George (STG) campus. They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

STG, Honours Bachelor of Science, Major in Psychology / Master of Teaching
www.vic.utoronto.ca/academic-programs/upper-year-programs/education-and-society/cdp

Honours Bachelor of Science Program
Faculty of Arts and Science, Victoria College
Web: www.vic.utoronto.ca
Email: vic.academics@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## STG Psy (Maj) HBSc / MT: Application Process

- Applicants apply to the Honours Bachelor of Science (HBSc) program, then to the MT program and the CDP.
- In the Spring session of Year 3 of the HBSc program, students apply for conditional admission to the MT program.

## STG Psy (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Psychology major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- Have completed or be on course to complete the Education and Society minor program (Victoria College).
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Psychology, which fulfils the 6.0 FCEs required for Psychology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBA academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>o the Psychology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants);<br>o the minor in Education and Society;<br>o a second minor, which will also qualify as the minimum 3.0 FCEs required for the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Biology (Major), Honours Bachelor of Science / Master of Teaching

## UTM Bio (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Major in Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of biology and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Major in Biology
Department of Biology, University of Toronto Mississauga
Diane Matias, Undergraduate Advisor
Web: www.utm.utoronto.ca/biology
Email: d.matias@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Bio (Maj) HBSc / MT: Application Process

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

## UTM Bio (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Biology major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Biology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Biology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Biology for Health Sciences (Major), Honours Bachelor of Science / Master of Teaching

## UTM Bio Health Sci (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Major in Biology for Health Sciences / Master of Teaching** (MT) is designed for students interested in studying the intersections of biology and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Major in Biology for Health Sciences
Department of Biology, University of Toronto Mississauga
Diane Matias, Undergraduate Advisor
Web: www.utm.utoronto.ca/biology
Email: d.matias@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Bio Health Sci (Maj) HBSc / MT: Application Process

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

## UTM Bio Health Sci (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Biology for Health Sciences major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Biology for Health Sciences, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Biology for Health Sciences major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science.<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Chemistry (Major), Honours Bachelor of Science / Master of Teaching

## UTM Chm (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Major in Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of chemistry and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Major in Chemistry
Department of Chemical & Physical Sciences, University of Toronto Mississauga
Christina Fortes, Academic Counsellor
Web: www.utm.utoronto.ca/cps
Email: christina.fortes@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Chm (Maj) HBSc / MT: Application Process

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

## UTM Chm (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Chemistry major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Chemistry major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Mathematical Sciences (Major), Honours Bachelor of Science / Master of Teaching

## UTM Mat Sci (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Major in Mathematical Sciences / Master of Teaching** (MT) is designed for students interested in studying the intersections of math and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Major in Mathematical Sciences
Department of Mathematical & Computational Sciences, University of Toronto Mississauga
Prof. Maria Wesslen, Mathematics Faculty Advisor
Web: www.utm.utoronto.ca/math-cs-stats
Email: maria.wesslen@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Mat Sci (Maj) HBSc / MT: Application Process

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

## UTM Mat Sci (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Mathematical Sciences major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Mathematical Sciences, which fulfils the 6.0 FCEs required for Mathematics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Mathematical Sciences major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Physics (Major), Honours Bachelor of Science / Master of Teaching

## UTM Phy (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Major in Physics / Master of Teaching** (MT) is designed for students interested in studying the intersections of physics and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Major in Physics
Department of Chemical & Physical Sciences, University of Toronto Mississauga
Christina Fortes, Academic Counsellor
Web: www.utm.utoronto.ca/cps
Email: christina.fortes@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Phy (Maj) HBSc / MT: Application Process

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

## UTM Phy (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Physics major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Physics, which fulfils the 6.0 FCEs required for Science-Physics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Physics major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Astronomical Sciences (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM Ast Sci (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Astronomical Sciences / Master of Teaching** (MT) is designed for students interested in studying the intersections of astronomy and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Astronomical Sciences
Department of Chemical & Physical Sciences, University of Toronto Mississauga
Christina Fortes, Academic Counsellor
Web: www.utm.utoronto.ca/cps
Email: christina.fortes@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Ast Sci (Spec) HBSc / MT: Application Process

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

## UTM Ast Sci (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Astronomical Sciences specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.

- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference: one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Astronomical Sciences, which fulfils the 6.0 FCEs required for Science-Physics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Astronomical Sciences specialist requirements, which will also qualify as prerequisite courses in the first teaching subject for Junior/Intermediate and Intermediate/Senior applicants; and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). (Note: 5.0 FCEs are required for the French as a Second Language teaching subject.)<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Biological Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM Bio Chm (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Biological Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of chemistry and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Biological Chemistry
Department of Chemical & Physical Sciences, University of Toronto Mississauga
Christina Fortes, Academic Counsellor
Web: www.utm.utoronto.ca/cps
Email: christina.fortes@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Bio Chm (Spec) HBSc / MT: Application Process

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

## UTM Bio Chm (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Biological Chemistry specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Biological Chemistry, which fulfils the 6.0 FCEs required for Science-Biology, Science-Chemistry, or Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Biological Chemistry specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Biology (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM Bio (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of biology and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Biology
Department of Biology, University of Toronto Mississauga
Diane Matias, Undergraduate Advisor
Web: www.utm.utoronto.ca/biology
Email: d.matias@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Bio (Spec) HBSc / MT: Application Process

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

## UTM Bio (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Biology specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Biology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Biology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM Chm (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of chemistry and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Chemistry
Department of Chemical & Physical Sciences, University of Toronto Mississauga
Christina Fortes, Academic Counsellor
Web: www.utm.utoronto.ca/cps
Email: christina.fortes@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Chm (Spec) HBSc / MT: Application Process

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

## UTM Chm (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Chemistry specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Chemistry specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Comparative Physiology (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM Comp Psl (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Comparative Physiology / Master of Teaching** (MT) is designed for students interested in studying the intersections of biology and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Comparative Physiology
Department of Biology, University of Toronto Mississauga
Diane Matias, Undergraduate Advisor
Web: www.utm.utoronto.ca/biology
Email: d.matias@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Comp Psl (Spec) HBSc / MT: Application Process

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

## UTM Comp Psl (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Comparative Physiology specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Comparative Physiology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Comparative Physiology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Ecology and Evolution (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM Eco Evo (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Ecology and Evolution / Master of Teaching** (MT) is designed for students interested in studying the intersections of biology and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Ecology and Evolution
Department of Biology, University of Toronto Mississauga
Diane Matias, Undergraduate Advisor
Web: www.utm.utoronto.ca/biology
Email: d.matias@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Eco Evo (Spec) HBA / MT: Application Process

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

## UTM Eco Evo (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Ecology and Evolution specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Ecology and Evolution, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Ecology and Evolution specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Forensic Biology (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM For Bio (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Forensic Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of biology and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Forensic Biology
Forensic Science Program, University of Toronto Mississauga
Teresa Cabral, Academic Advisor
Web: www.utm.utoronto.ca/forensic
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Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM For Bio (Spec) HBSc / MT: Application Process

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

## UTM For Bio (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Forensic Biology specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Forensic Biology, which fulfils the 6.0 FCEs required for Science-Biology or Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Forensic Biology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Forensic Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM For Chm (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Forensic Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of chemistry and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Forensic Chemistry
Forensic Science Program, University of Toronto Mississauga
Teresa Cabral, Academic Advisor
Web: www.utm.utoronto.ca/forensic
Email: teresa.cabral@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM For Chm (Spec) HBSc / MT: Application Process

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

## UTM For Chm (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Forensic Chemistry specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Forensic Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Forensic Chemistry specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three options: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which option is selected. For details, see the MT calendar entry. | | |

# UTM, Mathematical Sciences (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM Mat Sci (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Mathematical Sciences / Master of Teaching** (MT) is designed for students interested in studying the intersections of math and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Mathematical Sciences
Department of Mathematical & Computational Sciences, University of Toronto Mississauga
Prof. Maria Wesslen, Mathematics Faculty Advisor
Web: www.utm.utoronto.ca/math-cs-stats
Email: maria.wesslen@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Mat Sci (Spec) HBSc / MT: Application Process

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

## UTM Mat Sci (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Mathematical Sciences specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Have an average grade equivalent to at least a B, normally demonstrated by an average grade in Year 2.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Mathematical Sciences, which fulfils the 6.0 FCEs required for Mathematics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Mathematical Sciences specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTM, Molecular Biology (Specialist), Honours Bachelor of Science / Master of Teaching

## UTM Mol Bio (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTM, Honours Bachelor of Science, Specialist in Molecular Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of biology and education. Students may apply studies in these areas towards professional training leading to teacher certification.

Students earn a bachelor's degree from the University of Toronto Mississauga (UTM) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Honours Bachelor of Science Program, Specialist in Molecular Biology
Department of Biology, University of Toronto Mississauga
Diane Matias, Undergraduate Advisor
Web: www.utm.utoronto.ca/biology
Email: d.matias@utoronto.ca

Master of Teaching Program
Department of Curriculum, Teaching and Learning, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTM Mol Bio (Spec) HBSc / MT: Application Process

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

## UTM Mol Bio (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Molecular Biology specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Molecular Biology, which fulfils the 6.0 FCEs required for Science-Biology, Science-Chemistry, or Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Molecular Biology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only)[1].<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Biochemistry (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Bch (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Biochemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/chemistry;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca; cdp.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Bch (Maj) HBSc / MT: Application Process

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

## UTSC Bch (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Biochemistry major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in one teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Biochemistry, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Biochemistry major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1] |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Biochemistry (Major Co-op), Honours Bachelor of Science / Master of Teaching

## UTSC Bch (Maj Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major Co-op in Biochemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/chemistry
Email: dpes-undergrad.utsc@utoronto.ca; cdp.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Bch (Maj Co-op) HBSc / MT: Application Process

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

## UTSC Bch (Maj Co-op) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Biochemistry major co-op program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major co-op in Biochemistry, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Biochemistry major co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Biology (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Bio (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci/biology-major-and-minor
Email: biology-major@utsc.utoronto.ca; cdp.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Bio (Maj) HBSc / MT: Application Process

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

## UTSC Bio (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Biology major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Biology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Biology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Chemistry (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Chm (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca; cdp.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Chm (Maj) HBSc / MT: Application Process

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

## UTSC Chm (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Chemistry major program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Chemistry major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree program. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Chemistry (Major Co-op), Honours Bachelor of Science / Master of Teaching

## UTSC Chm (Maj Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major Co-op in Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca; cdp.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Chm (Maj Co-op) HBSc / MT: Application Process

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

## UTSC Chm (Maj Co-op) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Chemistry major co-op program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major co-op in Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French or a science as their second teaching subject, 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Chemistry major co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Conservation and Biodiversity (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Cons Bio (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Conservation and Biodiversity / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci
Email: biodiversity@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Cons Bio (Maj) HBSc / MT: Application Process

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

## UTSC Cons Bio (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Conservation and Biodiversity major program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Conservation and Biodiversity, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Conservation and Biodiversity major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Evolutionary Anthropology (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Evo Ant (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Evolutionary Anthropology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation. Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.
For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/anthropology
Email: anthrochair@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Evo Ant (Maj) HBSc / MT: Application Process

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

## UTSC Evo Ant (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Evolutionary Anthropology major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in one teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in two teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Evolutionary Anthropology, which fulfils the 6.0 FCEs required for Social Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Evolutionary Anthropology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1] |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Human Biology (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Hum Bio (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Human Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci/human-biology-major-and-specialist
Email: human-biology-major@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Hum Bio (Maj) HBSc / MT: Application Process

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

## UTSC Hum Bio (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Human Biology major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Human Biology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Human Biology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Mathematics (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Mat (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Mathematics / Master of Teaching** (MT) is designed for students interested in studying the intersections of math and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca
Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/cms/mathematics-overview

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Mat (Maj) HBSc / MT: Application Process

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

## UTSC Mat (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Mathematics major program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.

- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Mathematics, which fulfils the 6.0 FCEs required for Mathematics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Mathematics major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

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

## UTSC Mat (Maj Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major Co-op in Mathematics / Master of Teaching** (MT) is designed for students interested in studying the intersections of math and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/cms/mathematics-overview

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Mat (Maj Co-op) HBSc / MT: Application Process

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

## UTSC Mat (Maj Co-op) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Mathematics major co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major co-op in Mathematics, which fulfils the 6.0 FCEs required for Science-Mathematics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Mathematics major in co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Molecular Biology, Immunology and Disease (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Mol Bio Imm Dis (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Molecular Biology, Immunology and Disease / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci/molecular-biology-immunology-and-disease
Email: molecular-biology-immunology@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Mol Bio Imm Dis (Maj) HBSc / MT: Application Process

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

## UTSC Mol Bio Imm Dis (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Molecular Biology, Immunology and Disease major program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Molecular Biology, Immunology and Disease, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Molecular Biology, Immunology and Disease major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Physics and Astrophysics (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Phy Ast (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Physics and Astrophysics / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Phy Ast (Maj) HBSc / MT: Application Process

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

## UTSC Phy Ast (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Physics and Astrophysics major program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Physics and Astrophysics, which fulfils the 6.0 FCEs required for Science-Physics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Physics and Astrophysics major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Plant Biology (Major), Honours Bachelor of Science / Master of Teaching

## UTSC Pla Bio (Maj) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Major in Plant Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci/plant-biology-major
Email: plant-biology@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Pla Bio (Maj) HBSc / MT: Application Process

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

## UTSC Pla Bio (Maj) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Plant Biology major program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the major program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the major in Plant Biology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Plant Biology major requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Chm (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca; cdp.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Chm (Spec) HBSc / MT: Application Process

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

# UTSC Chm (Spec) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Chemistry specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in one teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • The undergraduate degree will include:<br>  ○ the Chemistry specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Chemistry (Specialist Co-op), Honours Bachelor of Science / Master of Teaching

## UTSC Chm (Spec Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca; cdp.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Chm (Spec Co-op) HBSc / MT: Application Process

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

## UTSC Chm (Spec Co-op) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Chemistry specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites).
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Chemistry specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs of Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Conservation and Biodiversity (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Cons Bio (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Conservation and Biodiversity / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci
Email: biodiversity@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Cons Bio (Spec) HBSc / MT: Application Process

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

## UTSC Cons Bio (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Conservation and Biodiversity specialist program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects as follows; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Conservation and Biodiversity, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Conservation and Biodiversity specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Global Environmental Change (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Glbl Env Change (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Global Environmental Change / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Glbl Env Change (Spec) HBSc / MT: Application Process

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

# UTSC Glbl Env Change (Spec) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Global Environmental Change specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Global Environmental Change, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Global Environmental Change specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |

[1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations.

* The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry.

# UTSC, Global Environmental Change (Specialist Co-op), Honours Bachelor of Science / Master of Teaching

## UTSC Glbl Env Change (Spec Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Global Environmental Change / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Glbl Env Change (Spec Co-op) HBSc / MT: Application Process

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

# UTSC Glbl Env Change (Spec Co-op) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Global Environmental Change specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in one teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If the registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in Global Environmental Change, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Global Environmental Change specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |

[1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations.

* The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry.

# UTSC, Environmental Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Env Chm (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/chemistry;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Env Chm (Spec) HBSc / MT: Application Process

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

## UTSC Env Chm (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Chemistry specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Environmental Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Environmental Chemistry specialist requirements, which will also qualify as the prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Environmental Chemistry (Specialist Co-op), Honours Bachelor of Science / Master of Teaching

## UTSC Env Chm (Spec Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Env Chm (Spec Co-op) HBSc / MT: Application Process

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

# UTSC Env Chm (Spec Co-op) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Chemistry specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in one teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in Environmental Chemistry, which fulfils the 6.0 FCEs required for Science-Chemistry as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Environmental Chemistry specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |

[1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations.

* The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry.

# UTSC, Environmental Physics (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Env Phy (Spec) HBSc / MT: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Environmental Physics / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Env Phy (Spec) HBSc / MT: Application Process

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

# UTSC Env Phy (Spec) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Physics specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- Complete the requirements of their HBSc program.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Environmental Physics, which fulfils the 6.0 FCEs required for Science-Physics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Environmental Physics specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |

[1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations.

* The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry.

# UTSC, Environmental Physics (Specialist Co-op), Honours Bachelor of Science / Master of Teaching

## UTSC Env Phy (Spec Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Environmental Physics / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Env Phy (Spec Co-op) HBSc / MT: Application Process

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

# UTSC Env Phy (Spec Co-op) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Environmental Physics specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in one teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in Environmental Physics, which fulfils the 6.0 FCEs required for Science-Physics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements. | • The undergraduate degree will include: |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | • In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | ○ the Environmental Physics specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |

[1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations.

* The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry.

# UTSC, Evolutionary Anthropology (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Evo Ant (Spec) HBSc / MT: Introduction

## Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Evolutionary Anthropology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/anthropology
Email: anthrochair@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Evo Ant (Spec) HBSc / MT: Application Process

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

# UTSC Evo Ant (Spec) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Evolutionary Anthropology specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B (cumulative grade point average [CGPA] of 3.0) average or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If the registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Evolutionary Anthropology, which fulfils the 6.0 FCEs required for Social Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements. | • The undergraduate degree will include: |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | • In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | ○ the Evolutionary Anthropology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |

[1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations.

* The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry.

# UTSC, Human Biology (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Hum Bio (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Human Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci/human-biology-major-and-specialist
Email: human-biology-spec@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Hum Bio (Spec) HBSc / MT: Application Process

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

## UTSC Hum Bio (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Human Biology specialist program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Human Biology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Human Biology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Integrative Biology (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Int Bio (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Integrative Biology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci/integrative-biology-specialist
Email: integrative-biology@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Int Bio (Spec) HBSc / MT: Application Process

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

## UTSC Int Bio (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Integrative Biology specialist program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Integrative Biology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Integrative Biology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Mathematics (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Mat (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Mathematics / Master of Teaching** (MT) is designed for students interested in studying the intersections of math and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/cms/mathematics-overview

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Mat (Spec) HBSc / MT: Application Process

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

## UTSC Mat (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Mathematics specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Mathematics, which fulfils the 6.0 FCEs required for Mathematics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Mathematics specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

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

## UTSC Mat (Spec Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Mathematics / Master of Teaching** (MT) is designed for students interested in studying the intersections of math and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/cms/mathematics-overview

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Mat (Spec Co-op) HBSc / MT: Application Process

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

## UTSC Mat (Spec Co-op) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Mathematics specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.

- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in Mathematics, which fulfils the 6.0 FCEs required for Mathematics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Mathematics specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science)..<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Medicinal and Biological Chemistry (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Med Bio Chm (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Medicinal and Biological Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/chemistry;
utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Med Bio Chm (Spec) HBSc / MT: Application Process

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

# UTSC Med Bio Chm (Spec) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Medicinal and Biological Chemistry specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Medicinal and Biological Chemistry, which fulfils the 6.0 FCEs required for Science-Biology, Science-Chemistry, or Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only,
    complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • The undergraduate degree will include:<br>  ○ the Medicinal and Biological Chemistry specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses (i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Medicinal and Biological Chemistry (Specialist Co-op), Honours Bachelor of Science / Master of Teaching

## UTSC Med Bio Chm (Spec Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Medicinal and Biological Chemistry / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Applicants to the MT program must have strong content knowledge in two teaching subjects taught in Ontario schools regardless of the division they are applying to (see the admission requirements below for details).

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci/chemistry; utsc.calendar.utoronto.ca/section/Chemistry
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Med Bio Chm (Spec Co-op) HBSc / MT: Application Process

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

# UTSC Med Bio Chm (Spec Co-op) HBSc / MT: Requirements

## Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Medicinal and Biological Chemistry specialist co-op program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in Medicinal and Biological Chemistry, which fulfils the 6.0 FCEs required for Science-Biology, Science-Chemistry, or Science-General as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. | • The undergraduate degree will include:<br>  ○ the Medicinal and Biological Chemistry specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | • By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Molecular Biology and Biotechnology (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Mol Bio Biotech (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Molecular Biology and Biotechnology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci/molecular-biology-and-biotechnology-specialist-coop-and-non-coop
Email: molecular-biology-biotechnology@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Mol Bio Biotech (Spec) HBSc / MT: Application Process

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

## UTSC Mol Bio Biotech (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Molecular Biology and Biotechnology specialist program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.

- Be enrolled full-time and in good standing in the HBSc program:
  - Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
  - Carry a full course load of 5.0 full-course equivalents (FCEs) each year (i.e., complete a minimum of 5.0 FCEs over the three academic sessions [Fall, Winter, Summer]).
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Molecular Biology and Biotechnology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Molecular Biology and Biotechnology specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Molecular Biology and Biotechnology (Specialist Co-op), Honours Bachelor of Science / Master of Teaching

## UTSC Mol Bio Biotech (Spec Co-op) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist Co-op in Molecular Biology and Biotechnology / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/biosci/molecular-biology-and-biotechnology-specialist-coop-and-non-coop
Email: molecular-biology-biotechnology@utsc.utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Mol Bio Biotech (Spec Co-op) HBSc / MT: Application Process

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

## UTSC Mol Bio Biotech (Spec Co-op) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Molecular Biology and Biotechnology specialist co-op program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist co-op in Molecular Biology and Biotechnology, which fulfils the 6.0 FCEs required for Science-Biology as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Molecular Biology and Biotechnology specialist co-op requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Physical and Mathematical Sciences (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Phy Mat Sci (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Physical and Mathematical Sciences / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Phy Mat Sci (Spec) HBSc / MT: Application Process

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

## UTSC Phy Mat Sci (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Physical and Mathematical Sciences specialist program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Physical and Mathematical Sciences, which fulfils the 6.0 FCEs required for Science-Physics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • A minimum of 20.0 FCEs in undergraduate courses. This includes:<br>  ○ the Physical and Mathematical Sciences specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degrees. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# UTSC, Physics and Astrophysics (Specialist), Honours Bachelor of Science / Master of Teaching

## UTSC Phy Ast (Spec) HBSc / MT: Introduction

### Overview

The **Combined Degree Program (CDP): UTSC, Honours Bachelor of Science, Specialist in Physics and Astrophysics / Master of Teaching** (MT) is designed for students interested in studying the intersections of science and education, coupled with professional teacher preparation.

Students earn an honours bachelor's degree from the University of Toronto Scarborough (UTSC) and an accredited professional Master of Teaching degree at the Ontario Institute for Studies in Education (OISE). They will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

This CDP permits the completion of both degrees in six years with 1.0 credit (full-course equivalent [FCE]) that may be counted towards both the undergraduate and graduate degrees.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Web: utsc.calendar.utoronto.ca/combined-degree-programs-honours-bachelor-science-or-honours-bachelor-arts-master-teaching
Email: cdp.utsc@utoronto.ca

Honours Bachelor of Science Program
University of Toronto Scarborough
Web: www.utsc.utoronto.ca/physsci
Email: dpes-undergrad.utsc@utoronto.ca

Master of Teaching Program
Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## UTSC Phy Ast (Spec) HBSc / MT: Application Process

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

## UTSC Phy Ast (Spec) HBSc / MT: Requirements

### Minimum Admission Requirements

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

- Be admitted to the HBSc degree program and the Physics and Astrophysics specialist program.

- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have a mid-B average (cumulative grade point average [CGPA] of 3.0) or higher in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.
- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the specialist program the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division prerequisite courses in **one** teaching subject are required).

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

- Maintain a mid-B average (CGPA of 3.0) 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 B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for two teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the specialist in Physics and Astrophysics, which fulfils the 6.0 FCEs required for Science-Physics as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their HBSc academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the HBSc degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • HBSc degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the Physics and Astrophysics specialist requirements, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science). |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | • For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 credits is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the HBSc and MT degree programs. |
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# STG, Music Education (Stream), Bachelor of Music / Master of Teaching

## STG Mus MusEd MusBac / MT: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Bachelor of Music, Music, Stream in Music Education / Master of Teaching** (MT) is designed for Music Education students who are interested in pursuing a teaching career to gain early, conditional admission to the Master of Teaching program.

Students earn a bachelor's degree and an accredited professional MT degree, and will be recommended to the Ontario College of Teachers for an Ontario Teacher's Certificate of Qualifications as elementary or secondary school teachers. Distinct advantages include:

- early application to the MT program (in Year 3) and conditional admission to the MT program;
- eligibility for certification as a teacher in Ontario; and
- eligibility to apply for doctoral study.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Bachelor of Music Program, Faculty of Music
Web: music.utoronto.ca/programs.php
Email: registrar.music@utoronto.ca

Master of Teaching Program, Ontario Institute for Studies in Education
Web: www.oise.utoronto.ca/ctl/teacher-education
Email: mtinfo@utoronto.ca

## STG Mus MusEd MusBac / MT: Application Process

- Applicants must apply to the Bachelor of Music (MusBac) program (Stream in Music Education), the MT program, and the CDP.
- Applicants must gain independent admission to both the MusBac (Stream in Music Education) and MT programs before they may be considered for admission to the CDP.

## STG Mus MusEd MusBac / MT: Requirements

### Minimum Admission Requirements

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

- Be registered in Year 3 of the MusBac (Stream in Music Education) degree program.
- Meet the admission requirements of the School of Graduate Studies and the MT program.
- Have an average grade equivalent to a mid-B (cumulative grade point average [CGPA] of 3.0) or higher, normally demonstrated by an average grade in Year 2.
- If applying to the Intermediate/Senior (I/S) division, have completed at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science) by the end of Year 3. For more information, see MT Intermediate/Senior Teaching Subjects Prerequisites.

- If applying to the Junior/Intermediate (J/I) division, have completed at least half of the prerequisite courses in **one** teaching subject, which is normally accomplished within the stream the applicant is registered in. For more information, see MT Junior/Intermediate Teaching Subjects Prerequisites.
- If applying to the Primary/Junior (P/J) division, there is no requirement to have teaching subjects' prerequisite courses.
- Provide at least two letters of reference, one academic and one professional.
- Submit an application to the specific division(s) of interest (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior). Applicants are required to respond to questions as outlined on the Master of Teaching website under Faculty Questions, and describe significant teaching and/or teaching-related experiences that they have had, especially with groups of learners. 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. In their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences.
- Meet other qualifications as specified by the MT program (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites). Note: only if applying to the Intermediate/Senior division, prerequisite courses in **two** teaching subjects are required; or if applying to the Junior/Intermediate division, prerequisite courses in **one** teaching subject are required.

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

- Maintain a mid-B average (CGPA of 3.0) or higher in their final year of study in the MusBac (Stream in Music Education) program or over upper-level (C- and D-level) courses.
- Achieve at least a B average in the 1.0 graduate FCE taken in Year 4.
- If registered in the Intermediate/Senior division, complete the prerequisites for both the first and second teaching subjects; or if registered in the Junior/Intermediate division, complete the prerequisites for one teaching subject as follows:
  - Complete the MusBac (Stream in Music Education) program, which fulfils the 6.0 FCEs required for Music-Instrumental or Music-Vocal as a first teaching subject.
  - For those registered in the Intermediate/Senior division only, complete the prerequisites for a second teaching subject consisting of at least 3.0 FCEs. However, if students are pursuing French as a Second Language or a science as their second teaching subject, a minimum of 6.0 FCEs are required.
    - Students should consult often with their MusBac (Stream in Music Education) academic program supervisor to ensure they fulfil all the requirements of the CDP.
- Be conferred with the MusBac (Stream in Music Education) degree.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 to 4 | • MusBac (Stream in Music Education) degree requirements.<br>• In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses.<br>• By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | • The undergraduate degree will include:<br>  ○ the first teaching subject requirements: Music-Instrumental or Music-Vocal, which will also qualify as prerequisite courses in the first teaching subject (for Junior/Intermediate and Intermediate/Senior applicants); and<br>  ○ a minimum of 3.0 FCEs in the second teaching subject (Intermediate/Senior only).[1]<br>• For Intermediate/Senior only, by the end of Year 3, complete at least half of the teaching subjects' prerequisite courses — i.e., 3.0 FCEs in the first teaching subject and 1.5 FCEs in the second teaching subject (or 3.0 FCEs if the second teaching subject is French or a science).<br>• For Junior/Intermediate, by the end of Year 3, complete at least half of the prerequisite courses for one teaching subject (a minimum of 3.0 FCEs is required for applying to J/I). Note: 5.0 FCEs are required for the French as a Second Language teaching subject.<br>• In Year 4, students who receive a conditional offer of admission to the CDP must complete any two of the MT elective half courses recommended for CDP students. These courses (1.0 FCE) are counted towards the completion of both the MusBac (Stream in Music Education) and MT degree programs. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 5 and 6 | • Remaining courses from Year 1 and Year 2 of the MT program. | • 10.0 FCEs during Year 1 and Year 2 of the MT program. |
| [1] The teaching subjects French (Second Language), Science-Biology, Science-Chemistry, Science-Physics, and Science-General require a minimum of 6.0 FCEs in university courses regardless of whether these teaching subjects are first or second subject specializations. | | |
| * The MT program has three divisions: Primary/Junior, Junior/Intermediate, and Intermediate/Senior. The specific requirements vary based on which division is selected. For details, see the MT calendar entry. | | |

# Second-Entry Undergraduate / Master's Degree Programs

# Medicine, Doctor of / Management, Full-Time Option, Master of Business Administration

## MD / MBA: Introduction

## Overview

The **Combined Degree Program (CDP): Medicine, Doctor of / Management, Full-Time Option, Master of Business Administration (MD/MBA FT)** offered jointly by the Temerty Faculty of Medicine and the Rotman School of Management. The MD/MBA FT CDP is intended for a small number of medical students taking the MD program either at the University of Toronto St. George or Mississauga campus, who have an interest in becoming health sector leaders with management competencies.

Graduates of this CDP will be well positioned to act as the health-care executives of tomorrow, in both the public and private sectors. The MBA FT coursework, combined with the MD curriculum, will prepare students for significant leadership opportunities throughout their career.

Because students take a reduced course load, they will complete both programs in five years rather than the six years it would take to acquire the degrees independently.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Medicine, Doctor of / Management, Full-Time Option, Master of Business Administration Program
Web: www.rotman.utoronto.ca/Degrees/MastersPrograms/JointDegrees/MDMBA

Doctor of Medicine Program
Temerty Faculty of Medicine
Email: registrar.medicine@utoronto.ca

Master of Business Administration Program
Rotman School of Management
Email: ro@rotman.utoronto.ca

## MD / MBA: Application Process

- Applicants must apply to the Doctor of Medicine (MD) degree program, the Master of Business Administration (MBA) Full-Time Option, and the CDP.
- Applicants must gain independent admission to both the MD and MBA programs before they may be considered for admission to the CDP.
- Qualified students in Year 3 of the MD degree program apply to the MBA Full-Time Option and the CDP.

## MD / MBA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the MD program, the School of Graduate Studies, and the MBA Full-Time program.
- Applicants must meet the same admission requirements as regular MBA FT applicants, with the following **exceptions**:

- A satisfactory score on the Medical College Admission Test (MCAT) will replace the Graduate Management Admission Test (GMAT) and Graduate Record Examination (GRE) General Test.
- At least two years of full-time work experience will be waived.
- Two references: can relate to applicants' MD experience, pre-MD experience, and volunteering, in addition to professional experiences.
- MD students must be in good academic standing.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

Students who are unable to follow courses in their prescribed order must attain special approval from the MBA FT Academic Director in order to continue in the program.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 MD program requirements. | • Complete Year 1 courses of the MD program: 5.1 full-course equivalents (FCEs). |
| 2 | • Year 2 MD program requirements. | • Complete Year 2 courses of the MD program: 5.0 FCEs. |
| 3 | • Year 3 MD program requirements.<br>• Students apply to the MD/MBA CDP. | • Complete Year 3 courses of the MD program: 27.5 FCEs.<br>• Depending on the annual schedule for each program, students may leave the MD program one or two weeks early to join the MBA program and make up the missed time the following year before mid-November of Year 5, in time to be promoted to Year 4 of the MD program. |
| 4 | • Year 1 MBA FT program requirements. | • Complete a total of 4.46 FCEs consisting of:<br>  ○ Year 1 core courses of the Full-Time MBA program (3.96 FCEs), including 0.5 elective FCE at the 2000 level.<br>• Students will be exempt from taking the following:<br>  ○ RSM1160H *Business Ethics.*<br>  ○ RSM1165H *Leveraging Diverse Teams.*<br>• Students have the option of completing an emphasis — an identified set and sequence of courses in partial fulfilment of the requirements for the MBA FT degree. Please see details in the Management MBA Emphases section. |
| 5 | • Summer session:<br>  ○ Year 2 MBA FT electives (2.5 FCEs).<br>• Fall session:<br>  ○ Year 4 MD program requirements.<br>  ○ Year 2 MBA FT electives (0.5 FCE). | • MD program:<br>  ○ Complete Year 4 MD courses (7.5 FCEs).<br>  ○ MD students complete the Canadian Resident Matching Service (CaRMS) process.<br>• MBA program:<br>  ○ Students may take up to five MBA elective (2.5 FCEs) in the Summer session and one MBA elective (0.5 FCE) in the Fall session if their Fall MD elective schedule permits.<br>  ○ Students will be exempt from taking RSM1380H *Applied Management Placement.*<br>  ○ CDP students are subject to the same limits on experiential electives as MBA FT students at the Rotman School. |
| 5 | • Winter and Spring sessions. | • MD program:<br>  ○ Students will simultaneously complete Transition to Residency (TTR) course requirements in the MD program with the following exception: students in this CDP will be required to successfully complete four weeks rather than eight weeks of clinical selectives. |

| Year | Progression | Specific Requirements |
| --- | --- | --- |
| | | ○ CDP students are registered in both programs for this academic session. They will be strongly encouraged to prepare their CaRMS application early to help facilitate completion of one MBA elective during the first two weeks of January (MBA Winter Intensive session) in Year 5 of the CDP.<br>• MBA program:<br>○ Remaining Year 2 MBA elective requirements to make up a total elective complement of 12 electives (6.0 FCEs); students may take up to 5 electives (2.5 FCEs) in the Winter and Spring sessions. |

## Program Length

5 years

## Time Limit

6 years

# STG, Law, Juris Doctor / Criminology and Sociolegal Studies, Master of Arts

## STG JD / Cri MA: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Criminology and Sociolegal Studies, Master of Arts** is designed for students who wish to pursue this interdisciplinary approach to the study of criminal justice and social regulation. The CDP permits the completion of both degrees in three years rather than the four years it would take to acquire them independently.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / Criminology and Sociolegal Studies, Master of Arts
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdma-criminology
www.crimsl.utoronto.ca/graduate/prospective-graduate-students/collaborative-and-combined-programs

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Arts in Criminology and Sociolegal Studies Program
Centre for Criminology and Sociolegal Studies
Email: audrey.macklin@utoronto.ca

## STG JD / Cri MA: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the Criminology and Sociolegal Studies MA program, and the CDP.
- Applicants are considered for the CDP after they have secured independent admission to the JD and MA programs.
- Applicants admitted to both the JD and MA must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / Cri MA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 and 3 | • JD program requirements.<br>• MA program requirements. | • Complete 45 JD credits including a moot, an extended paper, a perspective course, and an international/comparative/transnational (ICT) course. |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | • Complete 3.0 full-course equivalents (FCEs) toward the MA program requirements including CRI2010H (0.5 FCE) and a course in theory or research methods. Students may choose to complete the continuous course CRI3360Y *Research Paper* (1.0 FCE).<br>• Complete a minimum of 1.0 FCE with a CRI designation in each of Years 2 and 3, and a maximum of 2.0 FCEs in CRI courses per year. The number of JD credits completed each year will be adjusted accordingly, with the only requirement being that 45 credits are completed over the two years. |

## Program Length

3 years

## Time Limit

4 years

# STG, Law, Juris Doctor / Economics, Master of Arts

## STG JD / Eco MA: Introduction

## Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Economics, Master of Arts** is designed for students who intend to pursue careers in areas that require some sophistication in economics, such as competition policy, commercial contracting, mergers and acquisitions, business organization, tax policy, environmental law, and international trade regulation.

The CDP permits the completion of both the Juris Doctor (JD) program and the eight-month MA program in three years rather than the four years it would take to acquire the degrees independently. (Note that this program cannot be combined with any of the collaborative specializations.)

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / Economics, Master of Arts
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdma-economics
www.economics.utoronto.ca/index.php/index/graduate/jdma

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Arts in Economics Program
Department of Economics
Email: www.economics.utoronto.ca/index.php/index/index/contact

## STG JD / Eco MA: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the Economics MA program, and the CDP.
- Applicants are considered for the CDP after they have secured independent admission to the JD and MA programs.
- Applicants admitted to both the JD and MA must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / Eco MA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |

| Year | Progression | Specific Requirements |
|---|---|---|
| 2, 3, and 4 | • JD program requirements.<br>• MA program requirements. | • Complete 45 JD credits including a perspective course, a moot (compulsory or competitive), and an international/comparative/transnational (ICT) perspective course.<br>• Complete ECO1010H *Mathematics and Statistics for MA and MFE Students* (0.5 full-course equivalent [FCE]) plus 3.0 FCEs toward the MA program requirements including ECO1100H, ECO1200H, ECO1400H, and ECO1950H.<br>• In Year 2, complete a minimum of 2.5 FCEs in economics, including ECO1010H (note that this course starts in mid-August, three weeks earlier than other Fall courses in Economics). |

## Program Length

3 years

## Time Limit

4 years

# STG, Law, Juris Doctor / English, Master of Arts

## STG JD / Eng MA: Introduction

## Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / English, Master of Arts** is designed for students interested in studying the intersections of law and literature. The CDP permits the completion of both degrees in three years rather than the four years it would take to acquire them independently.

Applicants must apply to each program separately; they should indicate on their applications that they wish to be considered for the CDP. The MA program in English must be completed by coursework, not by thesis.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / English, Master of Arts
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdma-english
www.english.utoronto.ca/graduate/graduate-programs/ma-programs/combined-jdma

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Arts Program
Department of English
Email: deptofenglish.graduate@utoronto.ca

## STG JD / Eng MA: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the English MA program, and the CDP.
- Applicants are considered for the CDP after they have secured independent admission to the JD and MA programs.
- Applicants admitted to the JD and MA must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / Eng MA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 and 3 | • JD program requirements.<br>• MA program requirements. | • Complete 44 JD credits including a moot, an extended paper, a perspective course, and an international/comparative/transnational (ICT) course. Students graduating in 2017 or later must complete 45 JD credits. |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | • 3.0 full-course equivalents (FCEs) toward the MA program requirements (1.5 FCEs in each of Years 2 and 3) including ENG6999Y, and at least 1.0 FCE in law and literature program courses.<br>• Complete a JD Directed Research project (at least 3 JD credits) or an MA English reading course (0.5 FCE) on a topic related to law and literature. |

## Program Length

3 years

## Time Limit

4 years

# STG, Law, Juris Doctor / European and Eurasian Studies, Master of Arts

## STG JD / EES MA: Introduction

### Overview

Legal issues are at the forefront of the changes currently transforming Russia and Eastern Europe. The **Combined Degree Program (CDP): STG, Law, Juris Doctor / European and Eurasian Studies, Master of Arts** enables students to combine their law degree with intensive study of this region. The CDP permits the completion of both degrees in four years rather than the five years it would take to acquire them independently.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / European and Eurasian Studies, Master of Arts
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdma-russian
munkschool.utoronto.ca/ceres-ma/joint-programs-specializations

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Arts in European and Eurasian Studies Program
Centre for European and Eurasian Studies
Email: katia.malyuzhinets@utoronto.ca

## STG JD / EES MA: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the European and Eurasian Studies MA program, and the CDP.
- Applicants are considered for the CDP after they have secured independent admission to the JD and MA programs.
- Applicants admitted to both the JD and MA must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / EES MA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

Students must take **6.0 full-course equivalents (FCEs)** to complete the MA program.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |

| Year | Progression | Specific Requirements |
|---|---|---|
| 2 | • MA program requirements. | • Complete a minimum of 2.0 FCEs toward the MA program. |
| 2, 3, and 4 | • JD program requirements.<br>• MA program requirements.<br>• Additional MA or JD program requirements chosen by the student. | • Complete 45 JD credits including a perspective course, a moot (compulsory or competitive), and an international/comparative/transnational (ICT) perspective course.<br>• Complete 5.0 FCEs toward the MA program requirements including ERE2000Y and ERE2001H.<br>• Before starting Year 4, demonstrate reading competence in one of the region's languages pertinent to the research undertaken for the major research paper in ERE2000Y.<br>• Students choose to complete an additional:<br>  ○ 1.0 FCE MA courses or<br>  ○ 6 JD credits or<br>  ○ 0.5 FCE MA course and 3 JD credits. |

## Program Length

4 years

## Time Limit

5 years

# STG, Law, Juris Doctor / Management, Master of Business Administration

## STG JD / MBA: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Management, Master of Business Administration** is a four-year program offered by the Faculty of Law and the Rotman School of Management for students who wish to combine graduate training in management with a degree in law.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / Management, Master of Business Administration Program
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdmba-program

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Business Administration Program
Rotman School of Management
Email: mba@rotman.utoronto.ca

## STG JD / MBA: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the Master of Business Administration (MBA) program, and the CDP.
- Applicants must gain independent admission to both the JD and MBA programs before they may be considered for admission to the CDP. Alternatively, students in Year 1 of either the JD or Full-Time MBA program can apply to the CDP.
- Applicants must obtain satisfactory scores on the Law School Admission Test (LSAT). The Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE; General Test) are recommended but not required. Test results are valid for five years.

## STG JD / MBA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MBA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • Year 1 MBA program requirements. | • Complete 4.3 FCEs in required Year 1 courses of the MBA program, including 0.5 elective FCE at the 2000 level. |
| 3 and 4 | • 2000-level MBA courses. | • Complete 4.5 FCEs in 2000-level MBA courses. |

| Year | Progression | Specific Requirements |
|---|---|---|
| | • JD program requirements.<br>• Complete the remaining MBA 1000-level required courses. | • Specific restrictions apply for students who wish to take MBA experiential learning courses. Please refer to the MBA program requirements for more information.<br>• Students will be exempt from taking RSM1380H *Applied Management: Placement*.<br>• Complete 45 JD credits including a perspective course, a moot, and an international/comparative/transnational (ICT) perspective course. At least 10 credits must be management related.<br>• Students should not take any courses outside the Faculty of Law or Rotman School except on an approved exchange program and with permission of both Faculties.<br>• Students have the option of completing an emphasis — an identified set and sequence of courses in partial fulfilment of the requirements for the Full-Time MBA degree. Please see details in the Management MBA Emphases section. |

## Program Length

4 years

## Time Limit

5 years

# STG, Law, Juris Doctor / Master of Global Affairs

## STG JD / MGA: Introduction

## Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Master of Global Affairs** is designed for students interested in studying the intersections of law and global affairs. The CDP permits the completion of both degrees in four years rather than the five years it would take to acquire them independently.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / Master of Global Affairs
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdmga-master-global-affairs
munkschool.utoronto.ca/mga/juris-doctor-master-global-affairs

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Global Affairs Program
Munk School of Global Affairs and Public Policy
Email: mga@utoronto.ca

## STG JD / MGA: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the Master of Global Affairs (MGA) program, and the CDP.
- Applicants may be considered for the CDP after they have gained independent admission to the JD and MGA programs.
- Applicants admitted to both the JD and MGA must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / MGA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MGA program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • 5.0 full-course equivalents (FCEs) in Year 1 MGA program requirements.<br>• Required law course. | • **3.0 required FCEs** in Year 1 MGA courses as follows:<br>  ○ GLA1001H *Macroeconomics: Markets, Institutions, and Growth*;<br>  ○ GLA1003H *Global Security*;<br>  ○ GLA1010H *Microeconomics for Global Affairs*;<br>  ○ GLA1011H *Global Innovation Policy*; |

| Year | Progression | Specific Requirements |
|---|---|---|
| | • At the end of Year 1, declare an emphasis as part of the degree program. | ○ GLA1012H *Statistics for Global Affairs*; and<br>○ GLA1014H *Global Development*.<br><br>• 0.5 FCE: LAW252H1, which will count towards the MGA program requirements. This course is graded on the graduate scale.<br><br>• **1.0 elective FCE** from the following Year 1 MGA courses:<br>○ 0.5 FCE from GLA2027H *Ethics and Global Affairs*, GLA2029H *The Sustainability Imperative: Implications for Global Affairs and Public Policy*, or GLA2034H *Decision Making and Strategic Thinking*;<br>○ 0.5 FCE from the MGA elective course list.<br><br>• **1.0 required FCE:** complete GLA1007Y *Global Internship* in the Summer session between Years 2 and 3. |
| 3 and 4 | • 3.5 FCEs in MGA program requirements.<br>• JD credits. | • **2.5 FCEs** in 2000-level elective MGA courses. Of these, 1.5 FCEs are taken in the chosen emphasis.<br><br>• **1.0 FCE** in required Year 2 courses: GLA2000H *Capstone Seminar* and GLA2111H *Research Methods for Capstone*.<br><br>• Complete 41 to 45 JD credits including all upper-year course requirements. At least 6 credits must be in the area of international law. |

## Program Length

4 years

## Time Limit

5 years

# STG, Law, Juris Doctor / Master of Information

## STG JD / MI: Introduction

## Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Master of Information** is designed for students who wish to combine graduate training in information with a degree in law. The CDP permits completion of both degrees in four years rather than the five years it would take to acquire them independently.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / Master of Information
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdmi-information

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Information Program
Faculty of Information
Email: admissions.ischool@utoronto.ca

## STG JD / MI: Application Process

- Applicants must gain independent admission to both the Juris Doctor (JD) and Master of Information (MI) programs before they may be considered for admission to the CDP.
- Applicants admitted to both the JD and MI must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of either the JD or the MI program. Interested students should contact their home Faculty about this before applying to the CDP.

## STG JD / MI: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MI program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • MI program requirements. | • Complete 4.0 full-course equivalents (FCEs) in the MI program, and enrol in either the General Program Pathway or one or more concentration areas. See more information on required courses in the General Program Pathway or the concentration(s) of choice. |
| 3 and 4 | • JD program requirements.<br>• MI program requirements. | • Complete 45 JD credits including a moot, an extended paper, a perspective course, and an international/comparative/transnational (ICT) course. |

| | | |
|---|---|---|
| | | • Complete the remaining 4.0 FCEs in the MI program. |

# STG, Law, Juris Doctor / Master of Public Policy

## STG JD / MPP: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Master of Public Policy** program is designed for students interested in studying the intersections of law and public policy. The CDP permits completion of both degrees in four years rather than the five years it would take to acquire them independently.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Law, Juris Doctor / Master of Public Policy
www.law.utoronto.ca/academic-programs/jd/combined-programs/jdmpp-public-policy
munkschool.utoronto.ca/mga/mpp-jd

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Public Policy Program
Munk School of Global Affairs and Public Policy
Email: public.policy@utoronto.ca

## STG JD / MPP: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the Master of Public Policy (MPP) program, and the CDP.
- Applicants are considered for the CDP after they have secured independent admission to the JD and MPP programs.
- Applicants admitted to the JD and MPP must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / MPP: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MPP program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • Year 1 MPP program requirements, with the exception of PPG1008H. | • Complete 3.5 full-course equivalents (FCEs) in the MPP program:<br>  ○ PPG1000H *Governance, Institutions, and Public Policy*;<br>  ○ PPG1002H *Microeconomics for Policy Analysis*;<br>  ○ PPG1003H *Macroeconomics for Policy Analysis*;<br>  ○ PPG1004H *Quantitative Methods for Policy Analysis*;<br>  ○ PPG1005H *The Social Context of Policy-Making*; |

| Year | Progression | Specific Requirements |
|---|---|---|
| | | ○ PPG1007H *Strategic Policy Implementation*; and<br>○ either GLA2029H *The Sustainability Imperative: Implications for Global Affairs and Public Policy* or GLA2034H *Decision Making and Strategic Thinking*.<br><br>• Substitute PPG1008H with an equivalent Law course (0.5 FCE) and obtain a minimum B+.<br><br>• In the Summer session of Year 2, complete PPG2006Y *MPP Internship*. |
| 3 and 4 | • MPP and JD program requirements. | • Complete 2.5 FCEs in the MPP program:<br>○ PPG2000H *Politics and the Policy Process*;<br>○ PPG2002H *Topics in Applied Economics for Public Policy*;<br>○ PPG2003H *Capstone Course: Integrating Issues in Public Policy*; and<br>○ either PPG2011H *Ethics and the Public Interest* or PPG2022H *Moral Foundations of Public Policy*; and<br>○ either PPG2008H or an alternate international/global focused course as approved by the MPP program director.<br>• In Years 3 and 4, complete a total of 41 to 45 JD credits, of which at least 18 credits are completed in Year 3. These include a perspective course, a moot (compulsory or competitive), and a Supervised Upper-Year Research Paper (SUYRP). Students graduating in 2017 or later will earn 45 JD credits. |

# STG, Law, Juris Doctor / Master of Social Work

## STG JD / MSW: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Master of Social Work** combines the Faculty of Law's interdisciplinary teaching environment with its commitment to public interest law. The program is designed for students who wish to practise in the areas in which law and social work interact (for example, child welfare, mental health, social policy, human rights, Indigenous populations).

The CDP permits completion of both the Juris Doctor (JD) and Master of Social Work (MSW) degrees in four years rather than the five years it would take to acquire them independently.

Students in the following MSW fields who enter with a Bachelor of Social Work (BSW) will be given advanced standing and are exempted from completing Year 1 of the MSW. They will complete Years 1, 3, and 4 of the CDP only, thereby completing the CDP in three years.

- Children and Their Families;
- Gerontology;
- Health and Mental Health;
- Human Services Management and Leadership;
- Indigenous Trauma and Resiliency;
- Social Justice and Diversity.

The MSW field in Indigenous Trauma and Resiliency does not have an advanced-standing option.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Law, Juris Doctor / Master of Social Work
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdmsw-social-work
socialwork.utoronto.ca/programs/msw/msw-combined-programs/

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Master of Social Work Program
Factor-Inwentash Faculty of Social Work
Email: michael.saini@utoronto.ca

## STG JD / MSW: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the Master of Social Work (MSW) program, and the CDP.
- Applicants must gain independent admission to both the JD and MSW programs before they may be considered for admission to the CDP.
- Applicants admitted to the JD and MSW must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD or MSW program. Interested students should contact the Faculty of Law or Faculty of Social Work about this before applying to the CDP.

# STG JD / MSW: Requirements (Fields: Children and Their Families; Gerontology; Health and Mental Health; Human Services Management and Leadership; Social Justice and Diversity)

## Fields:
## Children and Their Families;
## Gerontology;
## Health and Mental Health;
## Human Services Management and Leadership;
## Social Justice and Diversity

## Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MSW program.
- Students with a BSW from a recognized university may be admitted with advanced standing.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • Year 1 MSW program requirements.<br>• Alternatively, students who enter with a BSW (i.e., advanced standing) are exempt from Year 1 MSW requirements and may progress to the requirements of Years 3 and 4. | • Complete 4.0 full-course equivalents (FCEs) from the following Year 1 MSW courses: SWK4102H, SWK4103H, SWK4105H, SWK4107H, SWK4510H, SWK4602H, SWK4605H, SWK4654H, and SWK4658H.<br>• Complete the MSW Year 1 practicum (SWK4701H). |
| 3 and 4 | • Complete JD credits and MSW program requirements. | • Complete 32 JD credits including a moot, a perspective course, and an international/comparative/transnational (ICT) perspective course.<br>• Complete all course requirements for one of the MSW fields chosen from:<br>  ○ Children and Their Families;<br>  ○ Gerontology;<br>  ○ Health and Mental Health;<br>  ○ Social Justice and Diversity;<br>  ○ Social Service Administration.<br>• Complete the Year 2 MSW practicum (SWK4702Y) in Year 3 of the CDP. Advanced-standing students complete the Year 2 MSW practicum in Year 2 of the CDP.<br>• Complete 6 JD credits or 1.0 FCE in integrated courses:<br>  ○ LAW345Y1 (3 JD credits) plus a directed reading project (3 JD credits) or a directed reading course (3 JD credits) **or**<br>  ○ integrated law and social work courses (1.0 FCE). |

## Program Length

4 years

## Time Limit

5 years

# STG JD / MSW: Requirements (Field: Indigenous Trauma and Resiliency)

## Field: Indigenous Trauma and Resiliency

## Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the MSW program.
- Students with a BSW from a recognized university may be admitted with advanced standing.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • Year 1 MSW — Indigenous Trauma and Resiliency field requirements. | • Complete 4.5 full-course equivalents (FCEs) from the following Year 1 MSW courses: SWK4101H, SWK4102H, SWK4106H, SWK4108H, SWK4109H, SWK4110H, SWK4510H, SWK4516H, and SWK4902H. |
| 3 and 4 | • Complete JD credits and MSW — Indigenous Trauma and Resiliency field requirements. | • Complete 32 JD credits including a moot, a perspective course, and an international/comparative/transnational (ICT) perspective course.<br>• Year 3: complete the following MSW courses: SWK4901H, SWK4111H, and SWK4517H.<br>• Years 3 and 4: complete the following MSW courses: SWK4902H, SWK4903H, SWK4904H, and SWK4905H.<br>• Year 3 or Year 4: complete the practicum SWK4703Y.<br>• Complete 6 JD credits or 1.0 FCE in integrated courses:<br>  ○ LAW345Y1 (3 JD credits) plus a directed reading project (3 JD credits) or a directed reading course (3 JD credits) **or**<br>  ○ integrated law and social work courses (1.0 FCE).<br>• Complete a law-related field practicum placement (8 law credits or suite of 8 to 12 courses). |

## Program Length

4 years

## Time Limit

5 years

# STG, Pharmacy, Doctor of / Management, Master of Business Administration

## STG PharmD / MBA: Introduction

### Overview

The Leslie Dan Faculty of Pharmacy (LDFP) and the Rotman School of Management offer the **Combined Degree Program (CDP): STG, Doctor of Pharmacy / Management, Master of Business Administration**. Unique in Canada, this CDP provides graduates with unparalleled opportunities for leadership within the health-care and pharmaceutical manufacturing sectors. The CDP permits completion of both the Doctor of Pharmacy (PharmD) and Full-Time Master of Business Administration (MBA) programs in less time than it would take to acquire them separately.

The CDP is only open to applicants who have completed a bachelor's degree (e.g., BA, BSc, BEng) prior to enrolling in the PharmD program and who have successfully completed admission requirements for entry to the Full-Time MBA program.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Doctor of Pharmacy / Management, Master of Business Administration
pharmacy.utoronto.ca/programs/pharmd-mba

Doctor of Pharmacy Program
Leslie Dan Faculty of Pharmacy
Web: pharmacy.utoronto.ca/programs/doctor-pharmacy-pharmd
Email: pharmdmba@phm.utoronto.ca

Master of Business Administration Program
Rotman School of Management
Web: www.rotman.utoronto.ca/Degrees/MastersPrograms/MBAPrograms/FullTimeMBA
Email: mba@rotman.utoronto.ca

## STG PharmD / MBA: Application Process

- Applicants must apply to the PharmD program, the MBA program, and the CDP.
- Applicants may be considered for admission to the CDP after they have gained independent admission to both the PharmD and MBA programs.
- Applicants are required to:
  - Be enrolled full-time in the PharmD program
  - Complete all Year 2 PharmD requirements successfully
  - Be in good academic standing
  - Meet the admission requirements of the two-year MBA program. There are five admission rounds, each with their own deadlines. Applicants to the CDP must apply in round 1 or 2 in order to be considered for admission.

## STG PharmD / MBA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the PharmD program, the School of Graduate Studies, and the MBA program.
- Complete all required PharmD coursework and clinical rotations successfully prior to starting the MBA program.
- Apply the first session of coursework in the MBA program as fulfilling the elective requirement for the PharmD program.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 and 2 | • PharmD program requirements.<br>• Apply to the MBA program in Year 2. | • Complete Year 1 and Year 2 PharmD courses and gain acceptance to the MBA program.<br>• At the end of Year 2 in May, complete Early Practice Experience II (EPE II).<br>• Complete clinical rotation requirements including the Transitional Pharmacy Practice Experience I (TPPE I), a five-week CDP experiential education rotation that will generally run from late July to late August. This TPPE rotation satisfies PharmD clinical rotation requirements for the PharmD degree. |
| 3 | • PharmD program requirements. | • Complete all required and elective PharmD courses for the Fall session. Students may choose to take PHM389H1 *Research Project*.<br>• In early January, complete an Experiential APPE Transition course before starting Advanced Pharmacy Practice Experience (APPE) rotations.<br>• From January to August, complete six APPE rotations organized by the Office of Experiential Education. |
| 4 and 5 | • Final PharmD program requirements.<br>• MBA program requirements. | • MBA courses taken in the Fall session of Year 4 will count as electives toward the PharmD program requirements.<br>• Complete remaining MBA program requirements in the Winter session of Year 4 and Fall and Winter sessions of Year 5.<br>• Students have the option of completing an emphasis — an identified set and sequence of courses in partial fulfilment of the requirements for the Full-Time MBA degree. Please see details in the Management MBA Emphases section.<br>• Specific restrictions apply for students who wish to take MBA experiential learning courses. Please refer to the MBA program requirements for more information. |

## Program Length

5 years

## Time Limit

6 years

# Second-Entry Undergraduate / Doctoral Degree Programs

# Medicine, Doctor of / Doctor of Philosophy

## MD / PhD: Introduction

## Overview

The **Combined Degree Program (CDP): Medicine, Doctor of / Doctor of Philosophy** is offered jointly by the Temerty Faculty of Medicine and the School of Graduate Studies. Selected and highly qualified students have the opportunity to combine their medical school experience with intensive scientific training in a chosen field. Students in this program are eligible for financial support.

Students carry out research under the supervision of a faculty member at the University and should consult the appropriate department or institute regarding specific research programs.

For a general description of CDPs, see General Regulations section 1.4.3.

## Degree Programs in This Combination

Students may combine the MD program with one of the following PhD programs:

Biochemistry
Immunology
Laboratory Medicine and Pathobiology
Medical Biophysics
Medical Science
Molecular Genetics
Nutritional Sciences
Pharmacology
Physiology

## Contact

Doctor of Medicine / Doctor of Philosophy Program
Temerty Faculty of Medicine
Web: md.utoronto.ca/mdphd-program
Email: mdphd.program@utoronto.ca

## MD / PhD: Requirements

### Minimum Admission Requirements

- Applicants must be accepted by the Temerty Faculty of Medicine and meet the requirements of the School of Graduate Studies and the department in which they intend to carry out their graduate studies.
- Students with a master's degree and medical students are eligible to apply.

### Program Requirements

- Applicants may pursue the degrees via an integrated or a sequential route.
- **Integrated:** Students with a master's or bachelor's degree enter the MD/PhD program and, within a six- to seven-year period, complete the requirements of the first two years of the MD program and all requirements of the PhD program. During this time, a predetermined program of integration is pursued which provides time allocation for both medical school and graduate study. On completion of the PhD requirements, students return full-time to the medical program.

- **Sequential:** Students with a master's or bachelor's degree enter the medical program on a full-time basis. After 12 to 18 months of medical school, they proceed to full-time graduate work until the PhD requirements are completed. Students then return to medical school to complete the last 2 to 3 years.

# STG, Law, Juris Doctor / Criminology and Sociolegal Studies, Doctor of Philosophy

## STG JD / Cri PhD: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Criminology and Sociolegal Studies, Doctor of Philosophy** is designed for students interested in studying the intersections of law and criminology and sociolegal studies. The CDP permits the completion of both degrees in six years rather than the seven years it would take to acquire them independently.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / Criminology and Sociolegal Studies, Doctor of Philosophy
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdphd-criminology-and-sociolegal-studies
www.crimsl.utoronto.ca/graduate/prospective-graduate-students/collaborative-and-combined-programs

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Doctor of Philosophy Program in Criminology and Sociolegal Studies
Centre for Criminology and Sociolegal Studies
Email: audrey.macklin@utoronto.ca

## STG JD / Cri PhD: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the Criminology and Sociolegal Studies (Criminology and Sociolegal Studies) PhD program, and the CDP.
- Applicants are considered for the CDP after they have secured independent admission to the JD and PhD programs.
- Applicants admitted to both the JD and PhD must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / Cri PhD: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the PhD program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • PhD program requirements. | • Complete 2.0 full-course equivalents (FCEs) in Criminology and Sociolegal Studies. |

| | | |
|---|---|---|
| 3 and 4 | • JD program requirements.<br>• PhD program requirements. | • Complete 45 JD credits.<br>• Complete the PhD comprehensive exam and dissertation proposal.<br>• Achieve candidacy by the end of Year 4. |
| 5 and 6 | • PhD program requirements. | • Complete any remaining PhD program requirements and a PhD thesis. |

# STG, Law, Juris Doctor / Economics, Doctor of Philosophy

## STG JD / Eco PhD: Introduction

## Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Economics, Doctor of Philosophy** allows a student to complete all the requirements for the Juris Doctor (JD) program and all the requirements for the PhD program (except a dissertation) in four years rather than the five years it would take to acquire them independently. In Years 5 and 6, students will complete a dissertation.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / Economics, Doctor of Philosophy
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdphd-economics
www.economics.utoronto.ca/index.php/index/graduate/jdphd

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Doctor of Philosophy in Economics Program
Department of Economics
Email: www.economics.utoronto.ca/index.php/index/index/contact

## STG JD / Eco PhD: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the Economics PhD program, and the CDP.
- Applicants are considered for the CDP after they have secured independent admission to the JD and PhD programs.
- Applicants admitted to both the JD and PhD must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / Eco PhD: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the PhD program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • PhD program requirements. | • Students normally complete ECO2010H *Mathematics and Statistics for PhD Students* (0.5 full-course equivalent [FCE]; Credit/No Credit) plus 3.0 FCEs as follows: ECO2200H and ECO2201H, macroeconomics (ECO2100H and ECO2101H), and econometrics (ECO2400H and ECO2401H).<br>• Complete theory comprehensive exams. |

| Year | Progression | Specific Requirements* |
|---|---|---|
| 3 | • PhD and JD program requirements. | • Complete an additional 3.0 FCEs in economics courses including the required courses for a major field and minor field of specialization.<br>• May be required to complete a field comprehensive exam in the major field of specialization.<br>• Complete 0.5 FCE in law and economics.<br>• Participate in the full-year continuous course ECO4060Y *Graduate Research Seminar* (Credit/No Credit).<br>• Complete the Year 2 economics paper.<br>• Complete 14 to 16 JD credit hours. |
| 4 | • JD program requirements. | • Complete 28 to 32 JD credit hours including the extended paper requirement in law. |
| 5 and 6 | • PhD program requirements. | • Complete a PhD dissertation.<br>• It is expected, but not required, that a student's dissertation committee will include a member of the Faculty of Law. |

## Program Length

6 years

## Time Limit

8 years

# STG, Law, Juris Doctor / Philosophy, Doctor of Philosophy

## STG JD / Phl PhD: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Philosophy, Doctor of Philosophy** enables students to pursue a deep investigation of the complex issues that lie at the intersection between law and philosophy. The CDP permits completion of both the Juris Doctor (JD) and PhD degrees one year sooner than it would take to acquire them independently. At the end of that period, the student will have completed the JD degree and reached the dissertation stage of the PhD in Philosophy.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Law, Juris Doctor / Philosophy, Doctor of Philosophy
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdphd-philosophy

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Doctor of Philosophy in Philosophy
Department of Philosophy
Email: m.opoku.pare@utoronto.ca

## STG JD / Phl PhD: Application Process

- Applicants must apply to the JD program, the PhD (Philosophy) program, and the CDP.
- Applicants may be considered for the CDP after they have gained independent admission to both the JD and PhD programs.
- Only after admission has been secured from both departments will the coordinator advise the applicant of admission into the program.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / Phl PhD: Requirements

### Minimum Admission Requspeciirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the PhD program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 and 3 | • JD program requirements.<br>• PhD program requirements. | • Complete 48 JD credits including a moot, a perspective course, and an international/comparative/transnational (ICT) perspective course.<br>• 2.0 full-course equivalents (FCEs) in Philosophy courses, which will count as 8 JD credits toward the total JD credits required. |

| | | |
|---|---|---|
| 4 | • PhD program requirements. | • Complete any remaining courses in the PhD program.<br>• Complete area and language exams required for the PhD program. |
| 5 and 6 | • PhD program requirements. | • Complete any remaining PhD program requirements and also a PhD thesis. |

# STG, Law, Juris Doctor / Political Science, Doctor of Philosophy

## STG JD / Pol PhD: Introduction

## Overview

The **Combined Degree Program (CDP): STG, Law, Juris Doctor / Political Science, Doctor of Philosophy** is designed for students interested in studying the intersection of law and political science. The CDP permits completion of both the Juris Doctor (JD) and PhD degrees at least one year sooner than it would take to acquire them independently.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Law, Juris Doctor / Political Science, Doctor of Philosophy
www.law.utoronto.ca/academic-programs/jd-program/combined-programs/jdphd-political-science

Juris Doctor Program
Faculty of Law
Email: law.admissions@utoronto.ca

Doctor of Philosophy Program in Political Science
Department of Political Science
Email: louis.tentsos@utoronto.ca

## STG JD / Pol PhD: Application Process

- Applicants must apply to the Juris Doctor (JD) program, the PhD (Political Science) program, and the CDP.
- Applicants may be considered for admission to the CDP after they have gained independent admission to both the JD and PhD programs.
- Applicants admitted to the JD and PhD must inform both programs of their status and request admission to the CDP.
  - Applicants may also be considered for the CDP while they are in Year 1 of the JD program. Interested students should contact the Faculty of Law about this before applying to the CDP.

## STG JD / Pol PhD: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the JD program, the School of Graduate Studies, and the PhD program.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • Year 1 JD program requirements. | • Complete all Year 1 courses of the JD program at the Faculty of Law. |
| 2 | • PhD program requirements. | • Students complete coursework and exams required for the PhD program.<br>• Specific requirements will vary based on the student's choice of fields and whether a PhD student is admitted via direct entry. |
| 3 and 4 | • JD program requirements. | • Complete 48 JD credits including the Directed Research Program. |

| | | |
|---|---|---|
| | | • Any language requirements for the PhD must be completed by the end of Year 4. |
| 5 and 6 | • PhD program requirements. | • Complete any remaining PhD program requirements and also a PhD thesis. |

# Master's / Master's Degree Programs

# STG, Management, Master of Business Administration / Master of Global Affairs

## STG MBA / MGA: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Management, Master of Business Administration / Master of Global Affairs** is designed for students interested in studying the intersections of business and global affairs. The CDP permits the completion of both degrees in three years rather than the four years it would take to acquire them independently.

For a general description of CDPs, see General Regulations section 1.4.3.

## Contact

Management, Master of Business Administration / Master of Global Affairs Program
Web: munkschool.utoronto.ca/mga/master-global-affairsmaster-business-administration

Master of Business Administration Program
Rotman School of Management
Email: ro@rotman.utoronto.ca

Master of Global Affairs Program
Munk School of Global Affairs and Public Policy
Email: mga@utoronto.ca

## STG MBA / MGA: Application Process

- Applicants must apply to the Master of Business Administration (MBA) program, the Master of Global Affairs (MGA) program, and the CDP.
- Applicants must gain independent admission to both the MBA and MGA programs before they may be considered for admission to the CDP. Alternatively, applicants may apply to the MBA program and CDP in Year 1 of the MGA program.

## STG MBA / MGA: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the School of Graduate Studies, the MBA program, and the MGA program.
- Applicants to the MBA program must meet the following admission requirements:
  - An appropriate bachelor's degree from a recognized university.
  - A satisfactory score on the Graduate Management Admissions Test (GMAT) or the Graduate Record Examination (GRE; General Test). Test results are valid for five years.
  - The minimum two-year work experience requirement will be waived for CDP applicants.
  - The Full-Time MBA program starts annually in August. Applicants to the full-time program are encouraged to apply as per the deadline dates (beginning in October with a final deadline in May).
- Applicants to the MGA program must meet the following admission requirements:
  - An appropriate bachelor's degree with a minimum standing in the final year equivalent to at least a University of Toronto B+.
  - The program is open to all disciplinary backgrounds.

## Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements |
|---|---|---|
| 1 | • 5.5 full-course equivalents (FCEs) in MGA program requirements with a minimum B+ standing.<br><br>• At the end of Year 1, declare an emphasis as part of the MGA degree program. | • **3.5 required FCEs:**<br>  ○ GLA1001H *Macroeconomics: Markets, Institutions, and Growth*;<br>  ○ GLA1003H *Global Security*;<br>  ○ GLA1010H *Microeconomics for Global Affairs*;<br>  ○ GLA1011H *Global Innovation Policy*;<br>  ○ GLA1012H *Statistics for Global Affairs*;<br>  ○ GLA1014H *Global Development;*<br>  ○ GLA1016H *Global Justice and Human Rights.*<br><br>• **1.0 elective FCE** from the following Year 1 MGA courses:<br>  ○ 0.5 FCE from GLA2027H *Ethics and Global Affairs*, GLA2029H *The Sustainability Imperative: Implications for Global Affairs and Public Policy*, or GLA2034H *Decision Making and Strategic Thinking*;<br>  ○ 0.5 FCE from the MGA elective course list.<br><br>• **1.0 FCE:** GLA1007Y *Global Internship*, to be taken in the Summer session. |
| 2 | • 4.8 FCEs in MBA program requirements. | • **4.3 required FCEs in MBA courses**:<br>  ○ RSM1160H *Business Ethics*;<br>  ○ RSM1165H *Leveraging Diverse Teams*;<br>  ○ RSM1201H *Foundations of Strategic Management*;<br>  ○ RSM1210H *Managerial Economics*;<br>  ○ RSM1211H *Economic Environment of Business*;<br>  ○ RSM1215H *Decision Making with Models and Data*;<br>  ○ RSM1220H *Financial Accounting and Reporting: A Global Perspective*;<br>  ○ RSM1222H *Managerial Accounting*;<br>  ○ RSM1231H *Finance I: Global Markets and Valuation*;<br>  ○ RSM1232H *Finance II: Corporate Finance*;<br>  ○ RSM1240H *Operations Management*;<br>  ○ RSM1250H *Managing Customer Value*;<br>  ○ RSM1260H *Leading People in Organizations*; and<br>  ○ RSM1282H *Statistics for Management.*<br><br>• **0.5 elective FCE** from the 2000-level MBA course list.<br><br>• Students have the option of completing an emphasis — an identified set and sequence of courses in partial fulfilment of the requirements for the Full-Time MBA degree. Please see details in the Management MBA Emphases section.<br><br>• Specific restrictions apply for students who wish to take MBA experiential learning courses. Please refer to the MBA program requirements for more information. |
| 3 | • 4.0 FCEs in MBA program requirements.<br><br>• 3.5 FCEs in MGA program requirements. | • **4.0 elective FCEs** from the 2000-level MBA course list.<br><br>• Students will be exempt from taking RSM1380H *Applied Management: Placement.*<br><br>• **2.5 elective FCEs** in MGA courses. Of these, 1.5 FCEs are taken in the chosen emphasis.<br><br>• **1.0 required FCE:** GLA2000H *Capstone Seminar* and GLA2111H *Research Methods for Capstone*. |

To participate in the Rotman Student Exchange Program, students must get permission from both programs. Students in the CDP can only participate in the Rotman Exchange program and not the MGA Exchange Program. No MGA course requirements can be met while on exchange. While on exchange, students must take the equivalent of five elective courses (2.5 FCEs) to meet their MBA elective requirements.

## Program Length

3 years

## Time Limit

4 years

# STG, Master of Information / Master of Museum Studies

## STG MI / MMSt: Introduction

### Overview

The **Combined Degree Program (CDP): STG, Master of Information / Master of Museum Studies** (MI/MMSt) is designed for students interested in museum informatics, digital cultural heritage, cultural information policy, the intersection of cultural memory institutions (libraries, archives, and museums), digital curation, and use of social networking technologies in museums. The CDP permits completion of both degrees in three years rather than the four years it would take to acquire them independently. **Note:** students in the MI/MMSt CDP may only complete the concentration-only option of the MI program.

For a general description of CDPs, see General Regulations section 1.4.3.

### Contact

Master of Information / Master of Museum Studies
ischool.utoronto.ca/current-students/programs-courses/programs-of-study/combined-degree-program

Master of Information Program
Faculty of Information
Email: admissions.ischool@utoronto.ca

Master of Museum Studies Program
Faculty of Information
Email: admissions.ischool@utoronto.ca

## STG MI / MMSt: Application Process

- Applicants must apply to the Master of Information (MI) program, the Master of Museum Studies (MMSt) program, and the CDP.
- Students who have been accepted into both participating programs, with the permission of each Program Coordinator, may register concurrently in the MI and MMSt programs.
- Applicants must gain independent admission to both the MI and MMSt programs before they may be considered for admission to the CDP.

## STG MI / MMSt: Requirements

### Minimum Admission Requirements

- Applicants must meet the admission requirements of the MI program, the MMSt program, and the School of Graduate Studies.

### Academic Path to Completion

Every CDP involves a specific combination of approved degree programs. The CDP requirements build on those of the two separate degree programs. Each CDP has a unique pattern of academic activity year by year.

| Year | Progression | Specific Requirements* |
|---|---|---|
| 1 | • Complete 5.0 full-course equivalents (FCEs) towards the MI program requirements. | • 2.0 to 3.0 FCEs in courses required for the selected concentration.<br>• 2.0 to 3.0 FCEs in elective courses, depending on the selected concentration.<br>• Note: of the total FCEs completed to satisfy the MI requirements, 0.5 FCE must come from each of the following four Professional Requirements areas: Technical, Managerial, Professional Values, and Critical Perspectives. **This** |

| Year | Progression | Specific Requirements* |
|---|---|---|
| | | **requirement can be fulfilled by core and elective courses for each concentration, and can include courses completed in Year 3 of the CDP.** |
| 2 | • Complete 4.5 FCEs towards the MMSt program requirements. | • 2.0 required FCEs as follows: MSL1150H, MSL1230H, MSL2331H, and MSL2370H.<br>• 0.5 FCE: MSL2350H or INF2040H.<br>• 2.0 FCEs in electives. |
| 3 | • Complete 3.5 FCEs towards the MI and MMSt program requirements. | • MSL4000Y.<br>• 2.5 FCEs in courses remaining for the concentration, and electives. |

## Program Length

3 years (typical registration sequence: F/W/S/F/W/S/F/W)

## Time Limit

4 years
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