# 2022-23 SGS Calendar

Exported on June 8, 2022. For editing purposes only.

# 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.

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 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](https://www.utm.utoronto.ca/biology/)  
Email: [d.matias@utoronto.ca](mailto: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/mt](https://www.oise.utoronto.ca/mt/Home.html)  
Email: [mtinfo@utoronto.ca](mailto: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.
* 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]).
* 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.
* Provide at least [two letters of reference](https://www.oise.utoronto.ca/mt/How_To_Apply.html).
* Provide a [Statement of Intent](https://www.oise.utoronto.ca/mt/How_To_Apply.html) indicating their preferred division (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior) and describe three significant teaching and/or teaching-related experiences that they have had, especially with groups of children. With reference to these experiences, applicants should identify insights gained about teaching and learning, and explain how, based on these insights, they might contribute to the education of students in today's schools. On their resumé, applicants are requested to list, in chart form, the extent of their teaching experiences. The chart should include dates, location of experience, role, and number of hours working with students.
* Meet [other qualifications as specified by the MT program](https://www.oise.utoronto.ca/mt/How_To_Apply.html) (a police record check, relevant teaching experiences, academic and professional references, and satisfying teaching subject prerequisites).

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

* Maintain a B+ average (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 B+ average in the 1.0 graduate FCE taken in Year 4.
* Regardless of the division to which they are applying (i.e., Primary/Junior, Junior/Intermediate, or Intermediate/Senior), complete the prerequisites for both the first and second teaching subjects 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.
* Complete a second teaching subject consisting of 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. Visit the [Master of Teaching website](https://www.oise.utoronto.ca/mt/Prerequisites.html) for more information.

* 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. * In Year 4, complete 1.0 full-course equivalent (FCE) in graduate courses. * By the end of Year 4, fulfil both the undergraduate program requirements and undergraduate degree requirements. | * The undergraduate degree will include: * the major in Biology for Health Sciences, where the course requirements will fulfil the 6.0 FCEs required for the first teaching subject; and * a minimum of 3.0 FCEs in the second teaching subject.1 * 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. * 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. |
| 5 and 6 | * Remaining courses from Year 1 and Year 2 of the MT program. | * 11.0 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. | | |