



Honours Specialization in Interdisciplinary Medical Sciences (IMS)

Bachelor of Medical Sciences Program

Wednesday, February 28, 2024

ITR Session

Dr. Nicole Campbell (Director, Interdisciplinary Medical Sciences)

Jennifer Chambers (BMSUE Coordinator, Interdisciplinary Studies)

BMSc Program

Honours Specializations

Double
Majors

Thesis

Non-thesis

Departments and
other programs

Interdisciplinary
Medical Sciences

WE ARE HERE

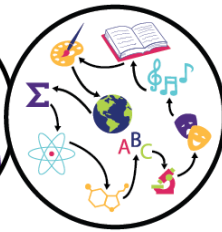
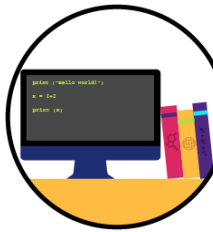
Important Links

- [Academic Calendar](#)
- [Timetable](#)
- [HSP IMS Website](#)
 - [Plan Your Courses](#)
 - [Register for Courses](#)
 - [Access to Courses](#)
 - [Condensed Course Outlines](#)

Western Degree Outcomes



Knowledge



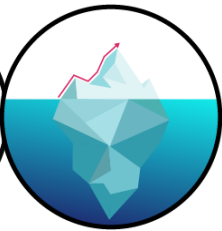
Literacy and
Interdisciplinarity



Critical and
Creative Thinking



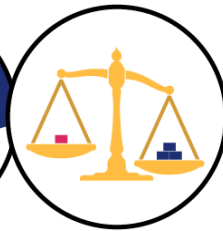
Communication



Resilience and
Lifelong Learning



Global and Community
Engagement



Professionalism and
Ethical Conduct

Year 4 HSP IMS Program

MEDSCIEN Capstone Courses (mandatory)

- 0.5 4930F/G
- 1.0 4990E (lab) **OR** 1.0 4995E (CEL)
- 0.5 4200A/B

Other Courses (mandatory)

- + 1.0 from other basic science disciplines

Why IMS?



Flexibility and
broad foundation



Experiential
learning skills



Unique learning
experiences



Combined
BMSc/HBA



Interdisciplinary
study



Authentic
Assessments



Non-thesis
honours degree



Basic and clinical
science



Collaboration
and mentorship

Course Formats

- **Blended** courses have both face-to-face and online instruction. These course offerings are clearly identified by designated section numbers in the undergraduate academic calendar and lecture timetable. In the identified blended courses, at least 30% of student learning integral to the course occurs in the online interactive learning environment.
- **Hyflex** modality refers to course delivery that was offered in-person and online at the same time. This was implemented in response to emergency remote teaching; was not possible this past year.

Additional Requirements

- Outstanding module/group requirements
- Breadth requirements
- Minimum of 13.0 senior level courses
- [Worksheet](#) for graduation requirements

Learning Outcomes

4990E

- **Skillfully** and safely perform a wide range of **laboratory skills** and techniques.
- Clearly and concisely record, summarize, analyze, and interpret **results from an experiment**.
- Construct and deliver well-organized, and logical information making use of appropriate delivery techniques to **communicate** scientific knowledge to the target audience.
- **Collaborate** effectively by demonstrating respect for others, respect for different points of view, beliefs, and values, and taking on leadership, where appropriate.
- Evaluate relevant real-world scenarios and/or problems by **integrating perspectives** from medical science disciplines to make informed decisions.

4995E

- Create a professional, practical, and **evidence-based deliverable** to promote health initiatives in the greater London community.
- Articulate the **intersectionality** between pathophysiological, epidemiological, biochemical factors, and **social determinants** to investigate the basis of conditions such as addiction, poverty, psychosis, and homelessness.
- Effectively **communicate** scientific and health literature to a broad audience, including non-experts, community partners, and peers.
- **Collaborate** effectively by demonstrating respect for others, respect for different points of view, beliefs, and values, and taking on leadership, where appropriate.

Course Schedule

4990E (lab)

4995E (CEL)

Shared Lectures Mondays 1:30 to 2:30

Laboratories

Tues 9:30 to 1:30

OR

Wed 9:30 to 1:30

Seminars

Tues AND Thurs 9:30 to 11:30

OR

Tues AND Thurs 11:30 to 1:30

New for 2024:

Capstone Course Selection Process

Timeline:

May 31st: Honours Specialization in IMS students will be surveyed for their ***preference*** of Med Sci 4990E or Med Sci 4995E, including ***preferred lab/tutorial sections***.

If demand exceeds availability for any of the sections, a **Point System** will be used based on 3 criteria:

- ✓ **ITR selection**
- ✓ **Weighted Average**
- ✓ **Random lottery assignment**

June 14th: Students will be notified of their capstone course selection (including lecture +tutorial/lab component) and will be added to their sections leading up to course registration.

Early July: Fourth Year registration opens on Student Center.

***Waiting lists for Med Sci 4990E and 4995E will be maintained outside of Student Center
and will be based on point allocation for individual sections***

Course Registration

- Let's talk logistics! What do you need to know in advance of your course registration?
 - [Plan Your Courses](#)
 - [Register for Courses](#)
 - Prerequisites
 - Priorities and Restrictions
 - Constraints ([Access to Courses](#))

Questions

Course Registration: early July

If you have any questions about ITR, please contact Jennifer Chambers and Dr. Campbell in the same email

