Honours Specialization in Interdisciplinary Medical Sciences (IMS)
Bachelor of Medical Sciences Program

Monday, March 20, 2023
ITR Session
Dr. Nicole Campbell (Director, Interdisciplinary Medical Sciences)
Jennifer Chambers (BMSUE Coordinator, Interdisciplinary Studies)
BMSc Program

Honours Specializations

Thesis

Departments and other programs

Non-thesis

Interdisciplinary Medical Sciences

Double Majors

YOU 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

**NEW Last Year**

MEDSCIEN Capstone Courses (mandatory)

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

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
- International exchange
- Non-thesis honours degree
- Basic and clinical science
- Collaboration and mentorship
Course Formats

• **Blended** course 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  Seminars

Tues 9:30 to 1:30  Tues AND Thurs 9:30 to 11:30
OR
Wed 9:30 to 1:30  OR
Tues AND Thurs 11:30 to 1:30
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.