

Master of Medical Foundations: MMF

Launch your career in medicine and the allied health professions. The Master of Medical Foundations (MMF) is an 11-month, course-based graduate program providing both theoretical and practical training in human anatomy, multisystem physiology, and disease and immunology, with a focus on the role of lifestyle medicine and social dimensions of health and wellbeing.

uoguelph.com/mmff

PROGRAM

The Master of Medical Foundations is a three-semester (11-month) hands-on, course-based master's program, beginning every year in the summer.

In the summer semester, students complete two courses focused on human anatomy and physiology (2.0 credits total). In the fall, students study mechanisms of disease (1.0 credit). In the winter, students focus on lifestyle medicine, and infection and immunity (1.0 credit).

PRACTICAL TRAINING

The Master of Medical Foundations will provide you with unique hands-on learning experiences working with human body donors in the on-campus Human Anatomy Laboratory, complemented by interactive seminars and applied learning in physiology and immunology. You'll engage in problem-based learning, including through clinical case studies, simulations, and evidence-based research.

The program builds strong scientific and technical skills, while also providing a deep understanding of the social, economic, cultural and behavioural factors impacting human health. Lifestyle medicine and the social determinants of health are integrated throughout the MMF program, equipping graduates to take a holistic, compassionate, and human-centred approach into their future careers.

Inspired by the first-year medical school curriculum, the MMF explores human health as a whole, integrating anatomy and physiology to understand how body structure and function interact in both



health and disease. You'll delve into the cellular and molecular mechanisms of disease and participate in problem-based learning mimicking clinical scenarios.

The MMF program delivers a strong academic foundation, grounded in human anatomy and physiology, preparing you with the essential knowledge and skills to excel in a wide range of medical and health-related careers.

ADMISSION REQUIREMENTS

To be admitted into this program, students must have successfully completed a bachelor/baccalaureate of science in an honours program or the equivalent from a recognized university in any field. The minimum average for admissions is B- in the last two years of full-time equivalent study.

If the student's first language is not English, they will be required to submit an acceptable result from one of the approved English language tests.

CAREER OPPORTUNITIES:

- Medical Doctor
- Allied Health Professions
- Dentistry
- Optometry
- Pharmaceuticals

APPLICATION DEADLINE

Domestic applications are due March 1, 2026. International applications are due Feb. 1, 2026. Applications will still be accepted following these deadline dates.

CONTACT INFORMATION

Dr. Danielle Bentley
MMF Program Director
danielle.bentley@uoguelph.ca

Karen White
Graduate Admissions Assistant
cbsgrad@uoguelph.ca