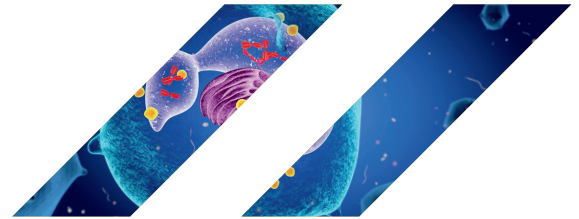


Applied Immunology

MSc



The MSc Program in Applied Immunology is a two year, research-based, non-thesis degree program. Through course work and a major research project in a host laboratory, we train students to design, implement, and evaluate immunological research that measures immune responses and/or immune function. Instead of a thesis, students complete oral and written presentations throughout the program to summarize their findings and discoveries. Students can personalize their learning from a wide array of graduate courses to fulfill their electives, available within and outside of our department.

Students can also, if they choose, complete a four month internship or an international research opportunity. Students receive a guaranteed stipend (equivalent to tuition + incidental fees).



Students in this program
complete 7.0 FCE*

Year One

- IMM1450Y – Major Research Project I, 1.0 FCE
- IMM1550Y – Major Research Project II, 1.0 FCE
- IMM1436H – Techniques in Immunology, 0.5 FCE
- 1.0 FCE from the following courses: IMM1428H (Molecular Immunology, 0.5 FCE), IMM1429H (Developmental Immunology, 0.5 FCE), IMM1430H (Clinical Immunology, 0.5 FCE), IMM1431H (Immunotherapy, 0.5 FCE)

Year Two

- IMM1050H – Easton Seminar Series, 0.5 FCE
- IMM1075H – Special Topics in Immunology 0.5 FCE
- IMM1650Y – Major Research Project III, 1.0 FCE
- IMM1651H – Applied Research in Immunology, 0.5 FCE
- 1.0 FCE electives

**Successful students typically complete this program within 2 years. Students from U of T who completed a specific set of pre-requisites can enter the program with advanced standing and complete their degree requirements in 16 months.*



Potential career paths

Alumni from the program have very diverse careers, including but not limited to, consulting, medical editing, marketing, as well as research and development in biotechnology. Alumni have also successfully transitioned into further education such as PhD programs, medical school, and law school.

Application Deadlines

Fall 2024 Admissions

Deadline: January 15, 2024

Spring 2024 Admissions (Advanced Standing only)

Admissions Deadline: March 1, 2024

By the numbers

12

average
class size

25

current number
of students in
the program

85

active research
faculty



How to Apply:

immunology.utoronto.ca

Email: applied.immuology@utoronto.ca

Alumni profile

Christina Maria Ditlof, MSc Graduated 2020



I was co-supervised by Dr. Thomas Eiwegger and Dr. Julia Upton at the Hospital for Sick Children. I conducted research in the field of allergy and immunology, specifically investigating a potential treatment option for children with nut allergies. Since graduating, I have transitioned from academia into industry, primarily working as a Data Manager for clinical trials.

The Master of Science in Applied Immunology program includes theory and lab-based courses, a research component, and an internship opportunity. This allowed me to further develop scientific knowledge and enhance my technical and soft skills in both a lab and clinical research setting. I was also involved in several initiatives led by graduate students in the Department of Immunology. This helped me create a community within the department and allowed me to explore other passions in science such as science education and communication.

I would advise prospective students to take advantage of the internship portion, as this allows students to explore various career options and experience a role that they are interested in within industry.