

MICROBIOLOGY AND IMMUNOLOGY (PH.D.)

Offered by: Microbiology & Immunology (Faculty of Medicine and Health Sciences)

Degree: Doctor of Philosophy

Program Description

The primary goal of the Ph.D. program is to create a self-propelled researcher, proficient in experimental designs and advanced methodologies applicable to the varied and rapidly changing disciplines in microbiology and immunology. Close research supervision and bi-weekly laboratory sessions impart the requisite research discipline and objective assessment of acquired or published research data.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Thesis

A thesis for the doctoral degree must constitute original scholarship and must be a distinct contribution to knowledge. It must show familiarity with previous work in the field and must demonstrate ability to plan and carry out research, organize results, and defend the approach and conclusions in a scholarly manner. The research presented must meet current standards of the discipline; as well, the thesis must clearly demonstrate how the research advances knowledge in the field. Finally, the thesis must be written in compliance with norms for academic and scholarly expression and for publication in the public domain.

Required Courses (9 credits)

Expand allContract all

Course	Title	Credits
MIMM 611	Graduate Seminars 1.	3
MIMM 612	Graduate Seminars 2.	3
MIMM 701	Comprehensive Examination-Ph.D. Candidate.	0
MIMM 713	Graduate Seminars 3.	3

Complementary Courses (9 credits)

9 credits from the following:

Expand allContract all

Course	Title	Credits
MIMM 616	Reading and Conference 1.	3
MIMM 617	Reading and Conference 2.	3
MIMM 619	Reading and Conference 4.	3

OR

Any life sciences-related courses at the 500 level or higher.
Departmental approval is required.