

MEDICAL MICROBIOLOGY AND INFECTIOUS DISEASES, PH.D.

Medical Microbiology and Infectious Diseases

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Academic Staff: Please refer to the Medical Microbiology website (<https://umanitoba.ca/medicine/medicine/departments-medical-microbiology-and-infectious-diseases/#faculty-and-staff>) for academic staff information.

Medical Microbiology and Infectious Diseases Program Information

The Department of Medical Microbiology and Infectious Diseases offers programs of study leading to the Master of Science and Doctor of Philosophy degrees with research and academic experience suitable for a career in Basic Microbiology or Infectious Diseases.

Admission Information

Admission to the Faculty of Graduate Studies

Application and Admission Procedures are found in the Academic Guide (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/application-admission-registration-policies/>).

Admission requirements for doctoral students are found in the Doctor of Philosophy General Regulations (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/doctor-philosophy-general-regulations/>) section of the Guide.

Medical Microbiology and Infectious Diseases Ph.D. Admission Requirements

Admission requirements are those of the Faculty of Graduate Studies.

Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Medical Microbiology and Infectious Diseases Ph.D. program of study (<https://umanitoba.ca/explore/programs-of-study/medical-microbiology-and-infectious-diseases-phd/>) page.

Degree Requirements

Where admission to the Ph.D. is directly from a Master's Degree, a minimum of 6 credit hours at the 7000 level or higher plus a thesis is required. Any further coursework beyond the minimum 6 credit hours at the 7000 level must be at the 3000 level or above.

Where students have completed the minimum of 12 credit hours of 7000 level coursework required to transfer to the Ph.D., 6 additional credit hours of 7000 level or higher coursework plus a thesis are required.

If the candidate has not already taken a course during their prior Master's degree studies that is equivalent to MMIC 7050 Microbial Pathogenicity (as determined by the department Head, or designate), then this course must normally be taken as part of the Ph.D. program of study.

Expected Time to Graduate: 5 - 6 years

Progression Chart

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
MMIC 7050	Microbial Pathogenicity ¹	0-6
Courses at the 7000 level or above		6
Hours		6-12
Years 2-5		
GRAD 8010	Doctoral Candidacy Examination ²	0
GRAD 8000	Doctoral Thesis	0
GRAD 8020	Doctoral Re-registration	0
Hours		0
Total Hours		6-12

¹ If not already completed during prior Master's degree studies.

² The candidacy exam will be taken by all Ph.D. students no later than 12 months prior to their expected graduation date and preferably much earlier given possible time constraints due to overlaps with thesis writing.

Registration Information

Students should familiarize themselves with the Faculty of Graduate Studies 'GRAD' courses applicable to their program (<https://catalog.umanitoba.ca/graduate-studies/registration-information/>). If you have questions about which GRAD course(s) to register in, please consult your home department/unit.

Prior to registration, all new and returning students must meet with their advisor to determine their program of study. Students should register themselves by signing up for the Aurora Student service on the University of Manitoba website. If difficulties are incurred students may contact the Graduate Studies Committee Office Assistant as per the information below.

All course additions and withdrawals (registration revisions) must be approved in the same manner.

Not all courses are offered each year.

Regulations

Students must meet the requirements as outlined in both Supplementary Regulation and BFAR documents as approved by Senate.

Supplementary Regulations

Individual units may require specific requirements above and beyond those of the Faculty of Graduate Studies, and students should consult unit supplementary regulations (<https://umanitoba.ca/graduate-studies/supplementary-regulations/>) for these specific regulations.

Bona Fide Academic Requirements (BFAR)

Bona Fide Academic Requirements (BFAR) (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#BFAR>) represent the core academic requirements a graduate student must acquire in order to gain, and demonstrate acquisition of, essential knowledge and skills.

All students must successfully complete:

- GRAD 7300 prior to applying to any ethics boards which are appropriate to the student's research or within the student's first year, whichever comes first; and
- GRAD 7500 within the first term of registration;

unless these courses have been completed previously, as per Mandatory Academic Integrity Course (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#GRAD7500>) and Mandatory Research Integrity Online Course (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#GRAD7300>).

Students must also meet additional BFAR requirements (<https://umanitoba.ca/graduate-studies/student-experience/core-academic-requirements/#additional-requirements-by-program>) that may be specified for their program.

General Regulations

All students must:

- maintain a minimum degree grade point average of 3.0 with no grade below C+,
- meet the minimum and not exceed the maximum course requirements, and
- meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses).