

MICROBIOLOGY, M.SC.

Microbiology

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Academic Staff: Please refer to the Microbiology website (<https://umanitoba.ca/science/directory/microbiology/>) for academic staff information.

Microbiology Program Information

The department offers Master of Science and Doctor of Philosophy programs of study.

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 Master's students are found in the Master's Degrees General Regulations (https://catalog.umanitoba.ca/graduate-studies/academic-guide/masters-degrees-general-regulations/#Admission_FGSMasters) section of the Guide.

Microbiology M.Sc. Admission Requirements

Admission requirements are those of the Faculty of Graduate Studies.

Pre-Master's Option

This unit offers a Pre-Master's program of study (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/general-regulations-pre-masters/>). The Pre-Master's program of study is intended to bring a student's background up to the equivalent of the required 4-year degree in the major department/unit, and to provide the student with any necessary prerequisites for courses to be taken in the Master's program. Completing the Pre-Master's program does not guarantee acceptance to the Master's program.

Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Microbiology M.Sc. program of study (<https://umanitoba.ca/explore/programs-of-study/microbiology-msc/>) page.

Degree Requirements

A minimum of 6 credit hours of course work plus a thesis are required. These are minimal requirements; students may be directed to take additional courses by their Advisor or Advisory Committee.

Expected Time to Graduate: 2 - 3 years

Progression Chart

Course	Title	Hours
Year 1		
MBIO 7010	Graduate Seminar in Microbiology 1 ¹	3

MBIO 7040	Graduate Microbiology ¹	3
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
Hours		6
Year 2		
GRAD 7000	Master's Thesis	0
Hours		0
Total Hours		6

¹ MBIO courses can be taken in year 1 or year 2 of Master's program.

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.

All new and returning graduate students in the Department of Microbiology must have their programs approved by their advisor and the department head prior to registration.

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).