

PLANT SCIENCE, M.SC.

Plant Science

Head: Dr. Douglas Cattani (Acting)

Campus Address/General Office: 222 Agriculture Building

Telephone: 204-474-8221

Fax: 204-474-7528

Email Address: plantsgradstudies@umanitoba.ca

Website: umanitoba.ca/agricultural-food-sciences/plant-science (<https://umanitoba.ca/agricultural-food-sciences/plant-science/>)

Academic Staff: Please refer to the Plant Science staff listing (<https://umanitoba.ca/agricultural-food-sciences/plant-science/plant-science-faculty-and-staff/>).

Plant Science Program Information

The Department of Plant Science offers programs leading to the Master of Science and the Doctor of Philosophy degrees.

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.

Plant Science M.Sc. 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 Plant Science M.Sc. program of study (<https://umanitoba.ca/explore/programs-of-study/plant-science-msc/>) page.

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.

Degree Requirements

Research and Thesis

The thesis route will include a thesis and a minimum of 12 credit hours of coursework of which 9 credit hours must be at the 7000 level and include PLNT 7250, a mandatory course.

Expected Time to Graduate: 2-2.5 years

Progression Chart

Course	Title	Hours
Year 1		
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
Select courses (0-9 credit hours) as determined by advisory committee and student ¹		
GRAD 7000	Master's Thesis ²	0
Hours		0
Year 2		
PLNT 7250	Plant Science Seminar	3
Select courses (0-9 credit hours) as determined by advisory committee and student ¹		
GRAD 7000	Master's Thesis ²	0
Hours		3
Total Hours		3

¹ Credit hours as determined by advisory committee and student.
Minimum credit hours required: 12.

² Students must demonstrate their mastery of the field and that they are fully conversant with the relevant literature through their thesis.

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 students in the graduate program must meet with their advisor/advisory committee to determine courses. Courses must be listed on the departmental approval form (available from the Plant Science General Office) and written approval granted from both the advisor and the department head or designate. Registration revisions are to be dealt with and approved in like manner. Not all courses are offered each year.

Regulations

Supplemental 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).