

# ENTOMOLOGY, PH.D.

Entomology

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**Academic Staff:** Please refer to the Entomology website (<https://umanitoba.ca/agricultural-food-sciences/entomology/faculty-and-staff/>) for Faculty information.

## Entomology Program Information

The Department of Entomology is the only such in Canada, offering programs of study leading to Master of Science and 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 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.

### Entomology Ph.D. Admission Requirements

A candidate must normally complete a M.Sc. degree before entering the Ph.D. program, however, students enrolled in a M.Sc. program who demonstrate exceptional ability may, in the early stages of their program, request transfer to a Ph.D. program. Applicants to the Ph.D. program are required to submit a short proposal of a research project they consider suitable as a Ph.D. research thesis project. The Department Head and potential Advisor may recommend that an applicant take a Qualifying Examination.

## Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Entomology Ph.D. program of study (<https://umanitoba.ca/explore/programs-of-study/entomology-phd/>) page.

## Degree Requirements

### Directly from M.Sc.

Students must complete a minimum of 6 credit hours of coursework at the 7000 level or above. As part of their academic program, students are required to take ENTM 7220 which is held in the Winter term in each academic year. Students must pass a Candidacy Exam, submit an acceptable thesis and pass a thesis oral examination.

### Transfer from M.Sc.

Students transferring from a M.Sc. to a Ph.D. program are required to take 12 credit hours of coursework at the 7000 level or above. As part of their academic program, students are required to take ENTM 7220 or hold

credit in ENTM 7150. Students must pass a Candidacy Exam, submit an acceptable thesis and pass a thesis oral examination.

**Expected Time to Graduate:** 3 - 5 years

## Progression Chart

Course	Title	Hours
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
ENTM 7220	Advanced Entomology	3
Select courses at the 7000 level in the area of specialization		3
GRAD 8010	Doctoral Candidacy Examination	0
GRAD 8000	Doctoral Thesis	0
<b>Total Hours</b>		<b>6</b>

## 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, students must consult with their advisor and then present a completed registration approval form to the department head. Any changes after the initial registration must also be approved by both advisor and department head.

## 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).