

ANIMAL SCIENCE, PH.D.

Animal Science

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Academic Staff: Please refer to the Animal Science website (<https://umanitoba.ca/agricultural-food-sciences/animal-science/animal-science-faculty-and-staff/>) for Faculty listing

Animal Science Ph.D. Program Information

The department offers graduate programs leading to the M.Sc. and Ph.D. degrees in behaviour, genetics, nutrition or physiology of farm animals.

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.

Animal Science Ph.D. Admission Requirements

A candidate must normally complete a M.Sc. degree before entering the Ph.D. program, however, exceptional applicants with an honours Bachelor's degree or equivalent may be permitted to enter the Ph.D. program.

Application Information

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

Degree Requirements

Directly from M.Sc.

Students must complete 6 credit hours of courses at the 7000 level in addition to ANSC 7390 (9 credit hours in total). Students must pass a candidacy exam, submit an acceptable thesis and pass a thesis oral examination.

Directly from Honours Bachelor or transfer from M.Sc.

Students must complete 12 credit hours of courses at the 7000 level in addition to ANSC 7390 (15 credit hours in total). Students must pass a candidacy exam, submit an acceptable thesis and pass a thesis oral examination.

Expected Time to Graduate: 3 years (if continuing from an M.Sc. program).

Progression Chart

Course	Title	Hours
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
ANSC 7390	Advanced Animal Science Seminar	3
XXXX 7XXX	7000 level course(s)	6
GRAD 8010	Doctoral Candidacy Examination	0
GRAD 8000	Doctoral Thesis	0
Total Hours		9

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 Animal 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 a like 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).