

ANIMAL SCIENCE, M.SC.

Animal Science

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

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 M.Sc. Program Information

The Master of Science thesis-based program consists of a combination of coursework and a research component with focus in behaviour, genetics, nutrition or physiology of farm animals.

Admission Information

Admission to the Faculty of Graduate and Postdoctoral 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.

Animal Science M.Sc. Admission Requirements

Applicants normally require a Bachelor of Science in Agriculture degree with a major in Animal Science. Students with other degrees (B.Sc. Honours or General) may be accepted and in these instances students, depending on their academic background, may be required to complete a pre-Master's program or to register for courses additional to those normally required in the Master's program.

Application Information

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

Degree Requirements

Thesis Route

Students must complete a minimum of 9 credit hours of coursework plus ANSC 7140 (12 credit hours in total). Of these 12 credit hours, a minimum of 6 credit hours must be at the 7000 level in the major subject.

A minimum of 3 credit hours must be taken in an ancillary subject. Students must submit an acceptable thesis and pass a thesis oral examination.

Comprehensive Examination Route

Students must complete a minimum of 30 credit hours of coursework plus ANSC 7140 (33 credit hours in total). Of these 33 credit hours, 12-18 credit hours must be in the major subject at the 7000 level, and 6-12 credit hours must be in an ancillary subject. The remaining required credit hours are to be made up of electives determined in consultation with the Advisory Committee. A comprehensive examination is required.

Expected Time to Graduate: 2 years

Progression Chart

Course	Title	Hours
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
ANSC 7140	Animal Science Seminar	3
ANSC 7XXX	Major subject 7000 level	6
Select an ancillary subject course at the 3000 level or higher		3
GRAD 7000	Master's Thesis	0
Total Hours		12

Registration Information

Students should familiarize themselves with the Faculty of Graduate and Postdoctoral 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 and Postdoctoral 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).