

ANIMAL SCIENCE (NON-THESIS) (M.SC.A.) (45 CREDITS)

Offered by: Animal Science (Faculty of Agricultural and Environmental Sciences)

Degree: Master of Science Applied

Program credit weight: 45

Program Description

The program aims to provide graduate training in applied areas of animal production with a view toward integrating technology and management in animal production with allied areas of agricultural resource utilization.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Research Project (15 credits)

Expand allContract all

Course	Title	Credits
ANSC 643	Project 1.	3
ANSC 644	Project 2.	3
ANSC 645	Project 3.	3
ANSC 646	Project 4.	3
ANSC 647	Project 5.	3

Complementary Courses (30 credits)

0-15 credits selected from 500- and 600-level courses from across the Faculty (with the possibility of up to 9 credits from outside the Faculty if deemed appropriate by the supervisor).

15-30 credits from the following:

Expand allContract all

Course	Title	Credits
AEMA 610	Statistical Methods 2.	3
ANSC 530	Experimental Techniques in Nutrition.	3
ANSC 551	Carbohydrate and Lipid Metabolism.	3
ANSC 552	Protein Metabolism and Nutrition.	3
ANSC 560	Biology of Lactation.	3
ANSC 600	Advanced Eukaryotic Cells and Viruses.	3
ANSC 604	Advanced Animal Biotechnology.	3
ANSC 608	Population Genetics.	3
ANSC 636	Analysis - Animal Breeding Research Data.	3
ANSC 691	Special Topic: Animal Sciences.	3
ANSC 692	Topic in Animal Sciences 1.	3