

# ANIMAL HEALTH AND DISEASE MAJOR (B.SC. (AG.ENV.SC.)) (24 CREDITS)

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

**Degree:** Bachelor of Science (Agricultural and Environmental Sciences)

**Program credit weight:** 24

## Program Description

This specialization is offered for students wishing to understand general animal physiology and function; the susceptibility of animals to various diseases; methods for limiting and controlling potential outbreaks; and the resulting implications for the animal, the consumer and the environment. It is an ideal choice for students interested in the care of animals, or in working in laboratories where diseases are being researched.

For information on academic advising, see: <http://www.mcgill.ca/macdonald/studentinfo/advising>

**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.

## Required Courses (18 credits)

Expand allContract all

Course	Title	Credits
ANSC 312	Animal Health and Disease.	3
ANSC 323	Mammalian Physiology.	3
ANSC 350	Food-Borne Pathogens.	3
ANSC 424	Metabolic Endocrinology.	3
MICR 341	Mechanisms of Pathogenicity.	3
PARA 424	Fundamental Parasitology.	3

## Complementary Courses (6 credits)

6 credits of complementary courses selected from:

Expand allContract all

Course	Title	Credits
ANSC 234	Biochemistry 2.	3
ANSC 251	Comparative Anatomy.	3
ANSC 303	Farm Animal Internship	3
ANSC 324	Developmental Biology and Reproduction.	3
ANSC 433	Animal Nutrition and Metabolism.	3
ANSC 555	The Use and Welfare of Animals.	3