

ANIMAL HEALTH AND DISEASE MINOR (B.ENG.) (24 CREDITS)

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

Degree: Bachelor of Engineering (Bioresource)

Program credit weight: 24

Program Description

The Minor in Animal Health and Disease is offered to 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 who are interested in the care of animals, or in working in laboratories where diseases are being researched. It would also be useful to students who wish to apply to most veterinary colleges in North America.

This Minor is not open to students in B.Sc.(Ag.Env.Sc.) programs. These students may register for the specialization in Animal Health and Disease.

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

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 438	Immunology.	3

Complementary Courses (6 credits)

6 credits 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