



UNIVERSITY OF SASKATCHEWAN

College of Agriculture
and Bioresources

AGBIO.USASK.CA



BACHELOR OF SCIENCE

ANIMAL BIOSCIENCE

The Bachelor of Science in Animal Bioscience four-year program provides students with a broad background in domestic animal biology in areas such as animal metabolism, genetics, physiology, nutrition, behaviour, care, health, and social and environmental impact. This program meets Pre-Veterinary Medicine requirements and prepares students to work in fields outside of traditional animal agriculture including biomedical sciences, companion, equine and research animal care, animal health and environmental sciences.



For more information:

agbio.usask.ca

CAREER OPPORTUNITIES

The program is designed to prepare students for diverse career choices in government, non-government organizations and the private sector including:

- Animal pharmaceutical sales and clinical trial testing
- Environmental impact assessment of wild and domestic animal interactions
- Laboratory testing and development of DNA tests for animal traits related to health and performance
- Animal welfare positions within and outside government, such as the SPCA, cities and rural municipalities
- Product development and sales for the growing pet care industry
- Research animal care and management

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ADMISSION REQUIREMENTS

Students must meet University of Saskatchewan admission requirements in regular or special admission categories and have completed Biology 30, Chemistry 30, and Foundations of Mathematics 30 (or Pre-Calculus 30) or equivalent. For more information on the required high school courses and applying to the program refer to admissions.usask.ca/requirements/deadlines.php.

This program is designed for students who have an interest in domestic animal biology. While experience with any domestic animal (e.g. horse, dog, cat, cattle) may be useful, animal experience is not required. Students will have a variety of opportunities for animal experience during the program.

Transfer students are welcome. This program has been designed to readily accept transfer students into third or fourth year.

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CORE COURSES

Domestic Animal Biology
Equine Science
Canine and Feline Science
Animals and the Environment
Animal Behaviour
Comparative Endocrinology
Animal Biotechnology

Along with meeting entry requirements for veterinary medicine and medicine, animal bioscience provides students with the opportunity to gain experience with domestic animals, which can be an asset during the veterinary medicine admission interview process.