

BSc (Agr) - Animal Science Program Learning Outcomes Approved by the Department of Animal Bioscience Curriculum Committee.

October 15, 2015

By the end of this program, successful students will be able to:

- Integrate knowledge of diverse agricultural animal disciplines and sectors to identify local and global problems and to design solutions for animal production systems, the agricultural animal industry and society at large.
- Critically evaluate the ethical use of agriculture animal in production systems considering economics, the environment and animal well-being.
- Develop a set of productive, effective and respectful interpersonal values to work effectively in a team environment which contributes to the advancement of animal agriculture
- Acquire and develop relevant, practical, and theoretical skills based on the needs of the agricultural animal industry to support future employment and / or continued studies (e.g. graduate studies, veterinary medicine and care, professional certification)
- Critically evaluate and accurately explain scientific information for problem solving and applications in animal production
- Demonstrate advanced, contemporary and relevant knowledge in animal nutrition, physiology, welfare, genetics and biotechnology
- Apply scientific methods and processes by formulating questions, designing investigations and generating, analyzing and interpreting data to draw conclusions and make evidence based decisions relevant to animal agriculture
- Clearly communicate concepts and issues in animal production to diverse audiences in a professional manner using various forms (written, oral and visual) and settings (e.g. one-on-one, seminars, workshops, social media) with appropriate supporting evidence