

Master of Animal Biosciences: MABS

Animals play a vital role in food production, environmental sustainability, and human well-being. The University of Guelph's professional, course-based Master of Animal Biosciences (MABS) provides you with career-focused knowledge and expertise in animal breeding and genetics, nutrition and metabolism, and behaviour and welfare, preparing you for leadership positions in the private and public sector.

uoguelph.ph/mabs

PROGRAM

The Master of Animal Biosciences program allows you to focus your courses to match your own interests and career goals. This program is ideal for recent graduates or working professionals seeking specialized skills in a hands-on environment through coursework. This program is generally completed in three semesters (one year) of full-time study.

SPECIALIZE YOUR PROGRAM IN:

- Animal Breeding and Genetics
- Animal Nutrition and Metabolism
- Animal Behaviour and Welfare
- Animal Physiology
- Digital Animal Analytics

HANDS-ON LEARNING

Learn in high-quality research and laboratory facilities dedicated to genomics, nutrient analyses, physiology, welfare, meats, and microbiology, and gain valuable applied experience.

CONNECT WITH THE SECTOR

Network with professionals, researchers, and organizations through courses and collaborative projects. Complete a capstone experience comprised of either a research-focused paper under faculty supervision within a department lab, or a 12–16 week internship providing hands-on experience with industry, government, or non-profit partner.



ADMISSION REQUIREMENTS

An honours baccalaureate in biology or a related field, with a minimum average grade of 73% (B) during the last 2 years of full-time equivalent study. For Canadian degrees, we interpret this as the last 20 semester courses.

You are still eligible to apply if you have an honours bachelor's degree in an unrelated field of study but have taken courses in related areas and/ or gained relevant work experience since completing the degree.

All applications will be reviewed by Faculty in the Department of Animal Biosciences and the MABS Program Coordinator.

Note: Related work experience is not required but beneficial.

Application Deadlines:

See [Graduate Studies Animal Biosciences website](#) for domestic and international deadlines.

ARE YOU INTERESTED IN:

- Advanced Animal Breeding and Genetics
- Animal Nutrition and Feeding
- Behavioural and Welfare
- Assessments in Animals
- Applied Animal Science Research Methods

CAREER OPPORTUNITIES:

The MABS program prepares graduates for jobs including:

- Feed companies and feedlots
- Farms
- Breeders
- Food processing plants
- Research and development facilities
- Government regulatory agencies

CONTACT INFORMATION

MABS Program Coordinator

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