

Animal Biosciences: MSc, PhD

Animal Biosciences (ABSc) is a research oriented Department with dynamic hands on educational programs for both undergraduates and graduate students. Research and teaching programs in ABSc revolve around the basic sciences relevant to animal development and wellbeing. Our Department receives \$6-7million in research funding each year which is used in part to support around 100 graduate students at any one time enrolled in MSc and PhD programs. Our graduate student population represents over 20 different countries which reflects our many international connections and collaborations.

We have four centres of excellence:

- Aquaculture Centre
- Centre for Genetic Improvement of Livestock
- Centre for Nutritional Modeling
- Centre for the Study of Animal Welfare

ABSc offers two different flavours of MSc programs; an MSc by Coursework and Major Paper and an MSc by Thesis. We also offer a PhD program. Our MSc by Coursework and Major paper program is a one-year program for advanced training in specialized aspects of the animal sciences. The MSc by Thesis program is a two-year program designed for students interested in advanced research and potentially heading for an academic path. Our PhD program is a three-year program for advanced academic and specialized research training. All of our graduate programs offer “hands on” experiential learning opportunities for research with animals to complement our wide range of graduate courses. Faculty in our Department carry out research in the broad areas of animal nutrition, physiology, genetics and behaviour and welfare.

General Admission Requirements (MSc)

- An honours bachelor's degree in the sciences or equivalent
- A minimum 73% (“B”) average during the last two years or equivalent of undergraduate study

General Admission Requirements (PhD)

- An honours bachelor's degree in the sciences and a recognized master of science degree
- A minimum 73% (“B”) average in a master of science program



Our faculty have a reputation for being approachable and easy to talk to. Our graduates conduct interesting and challenging research while gaining practical experience working with animals.

CONTACT INFORMATION

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