

Clinical Studies: MSc, DVSc

The Department of Clinical Studies strives to improve individual animal health by fundamental and clinical research in a variety of species: companion animals (dogs and cats, as well as birds and exotic species), performance animals (primarily horses) and food-producing animals. Our clinical expertise encompasses Anaesthesiology, Avian and Exotics Medicine, Cardiology, Emergency and Critical Care, Internal Medicine, Neurology, Nutrition, Oncology, Ophthalmology, Radiology, and Surgery.

ovc.uoguelph.ca/clinical-studies/

Program

The Master of Science (MSc) program can be completed by thesis or major research project. The MSc by thesis option requires a minimum of 3 graduate courses and the preparation and defense of a research-based thesis, to be completed in approximately 6 semesters. The MSc by coursework option requires a minimum of 6 graduate courses and a major project course, to be completed in approximately 3 semesters.

The Doctor Veterinary Science (DVSc) Program involves applied clinical practice, graduate courses and research in a specific veterinary clinical discipline. DVM applicants are advised to consult the department website for more info about this program.

Funding

The MSc thesis option is funded for 2 years, by the advisor or through scholarships and awards that are available on a competitive basis. The MSc coursework option is typically unfunded.

Application Deadline:

Ongoing for the MSc Program

Entry: Fall for the DVSc Program



DVSc student in Medical Oncology, Chris Pinard, performs a physical exam prior to chemotherapy treatment on his patient that has been diagnosed with Hemangiosarcoma at the Mona Campbell Centre for Animal Cancer, Ontario Veterinary College, University of Guelph.

Admission Requirements

A Faculty Advisor should be identified before application to the MSc program. Applicants to the MSc program should have an honours Bachelors degree in a relevant field or a DVM degree with at least a B- (70% Ontario equivalent GPA) over the last 2 years of full-time study. A letter of interest and two academic letters of reference are required with the application.

Faculty Expertise

- Anaesthesiology
- Avian and Exotics Medicine
- Cardiology
- Emergency and Critical Care
- Large and Small Animal Medicine
- Large and Small Animal Surgery
- Neurology
- Nutrition
- Oncology
- Ophthalmology
- Radiology

ARE YOU INTERESTED IN:

- Research focused on improving animal health?

CAREER OPPORTUNITIES:

- Veterinary Medicine
- Human Medicine
- Biomedical Research
- Government
- Animal health industry

CONTACT INFORMATION

Graduate Program Coordinator:

Dr. Adronie Verbrugghe
averbrug@uoguelph.ca

Graduate Program Assistant:

519-824-4120 Ext. 54780
csgrad@uoguelph.ca

Faculty and Laboratories

At the present time, there are approximately 42 faculty, 5 staff, 50 graduate students. The graduate students work in a state-of-the-art facility consisting of the Department of Clinical Studies, the OVC Health Sciences Centre and the Comparative Clinical Research Facility. Individual faculty laboratories include the Hemostasis Lab, the Body Composition Lab, the Respiratory Lab, the Comparative Bone and Joint Disease Lab, the Comparative Cancer Laboratory, and the Minimally Invasive Surgical Task trainer laboratory. Shared laboratories are fully equipped for proteomics and genomics research, including polymerase chain reaction, gel electrophoresis, Western blotting, enzyme-linked immunosorbent assay, and immunohistochemistry. Computational facilities are available for data analysis. Advanced clinical equipment includes computerized tomography, magnetic resonance imaging, scintigraphy, dual energy X-ray absorptiometry, pulmonary function test, dynamic and static airway endoscopy, high speed treadmill, specialized surgical suites, etc. Also the Comparative Clinical Research Facility provides 15,401 sq feet of laboratory space equipped for advanced diagnostic and surgical work.