

Veterinary Science (Clinical Studies): DVSc

The program provides advanced academic preparation in both clinical training and research and is a unique post-professional doctoral-level degree. The DVSc differs from PhD training by emphasizing the development of both clinical research and applied skills in the various areas of clinical specialization appropriate for preparation for specialty Board certification. Our clinical specialties include anesthesiology, cardiology, emergency and critical care, large and small animal internal medicine, large and small animal surgery, neurology, nutrition, oncology, and radiology.

ovc.uoguelph.ca/clinical-studies/doctor-of-veterinary-science-dvsc/

PROGRAM

The Doctor of Veterinary Science (DVSc) program is a thesis-based program combined with clinical work completed in approximately 9 or 12 semesters (3 or 4 years) depending on the area of study. The DVSc program requires the successful completion of clinical training, academic courses, a qualifying exam, and the defence of a research-based thesis.

COLLABORATIVE SPECIALIZATIONS

Collaborative Specializations allow students to enhance their degrees with multidisciplinary research. The DVSc program in the Department of Clinical Studies participates in the Regenerative Medicine Collaborative Specialization. Additional information can be found in the [Graduate Calendar](#).

AREAS OF STUDY

The department of Clinical Studies offers expertise in a number of areas:

- Prevention, diagnosis and treatment of disease
- Clinical trials and case-based research
- Translational and comparative models, technologies, and studies
- Access to veterinary care and community medicine
- Veterinary education



ADMISSION REQUIREMENTS

- Doctor of Veterinary Medicine or equivalent degree with a minimum average of 73% (B).
- Must be eligible for a licence to practice veterinary medicine in Ontario.

APPLICATION DEADLINES:

Clinical Studies DVSc positions are typically advertised and selected through the American Association of Veterinary Clinicians' website (www.virmp.org) which can be accessed in early October. Occasionally specialty training positions become available and are advertised on our website and through appropriate veterinary channels.

ARE YOU INTERESTED IN:

- Advanced veterinary medicine
- Improving animal health
- Comparing animal and human health
- How different body systems work in health and disease
- Advanced medical technology
- Health and medical communications

CAREER OPPORTUNITIES:

- Veterinary specialty medicine
- Comparative medical research
- Government and regulatory bodies
- Animal health industry
- Academia

CONTACT INFORMATION

OVC Graduate Research and Programs Team:

ovc.clingrad@uoguelph.ca

Graduate Program Coordinators:

Dr. Adronie Verbrugge

averbrug@uoguelph.ca

Dr. Fiona James

jamesf@uoguelph.ca

Veterinary Science (Pathobiology): DVSc

This advanced training opportunity is designed for Doctor of Veterinary Medicine (DVM, or equivalent) graduates who want to deepen their expertise in clinical or anatomic pathology and contribute to the advancement of veterinary medicine. Directed by board-certified Clinical and Anatomic Pathologists, the program combines applied training through diagnostic service, specialized coursework and a thesis-based research project. You'll gain hands-on experience in interpreting laboratory results, managing complex cases across species, and using advanced tools such as flow cytometry, immunochemistry, and molecular diagnostic techniques.

[Pathobiology < University of Guelph](#)

PROGRAM

The Doctor of Veterinary Science (DVSc) program is a thesis-based program combined with clinical work completed in approximately 9 semesters (3 years). The DVSc program requires the successful completion of a qualifying exam and the completion and defence of a research-based thesis.

AREAS OF STUDY

The DVSc program in Pathobiology offers expertise in a number of areas:

- Anatomic Pathology
- Clinical Pathology
- Wildlife and Zoo Animal Pathology

ADMISSION REQUIREMENTS

- A DVM or equivalent degree that would allow the applicant to be eligible for a licence to practice veterinary medicine in Ontario is required for admissions consideration.



APPLICATION DEADLINES:

Pathobiology DVSc positions are advertised on the College website ([OVC Career Opportunities](#)) and through the American College of Veterinary Pathologists trainee centre ([ACVP](#)). These advertisements describe the application deadlines and required materials for each available position.

ARE YOU INTERESTED IN:

- Developing hands-on diagnostic expertise in veterinary pathology
- Specializing in clinical, anatomic, or wildlife and zoo animal pathology
- Investigating real-world disease problems through applied research
- Preparing for certification by the American College of Veterinary Pathologists (ACVP)

CAREER OPPORTUNITIES:

- Comparative pathology
- Toxicologic pathology
- Animal models
- Specialized veterinary diagnostic pathologist
- Researcher

CONTACT INFORMATION

OVC Graduate Research and Programs Team:

ovc.pathgrad@uoguelph.ca

Department Chair:

Brandon Lillie

blillie@uoguelph.ca

Veterinary Science (Population Medicine): DVSc

A unique post-professional doctoral-level degree at the Ontario Veterinary College (OVC), the DVSc program brings together clinical-diagnostic skill training and advanced research in veterinary science. This program equips graduates with a wide range of skills to contribute to scientific dialogue and advancement of specialty areas of animal health.

[Population Medicine < University of Guelph](#)

PROGRAM

The Doctor of Veterinary Science (DVSc) program is a thesis-based program combined with clinical work completed in approximately 9 semesters (3 years). The DVSc program requires the successful completion of a qualifying exam and the completion and defence of a research-based thesis.

AREAS OF STUDY

The DVSc program in Population Medicine offers expertise in a number of areas:

- Health Management (including ruminant and swine health management)
- Theriogenology

ADMISSION REQUIREMENTS

A DVM or equivalent degree that would allow the applicant to be eligible for a licence to practice veterinary medicine in Ontario is required for admissions consideration.



APPLICATION DEADLINES:

Population Medicine DVSc positions are advertised through appropriate veterinary channels. Deadlines are included in these postings.

ARE YOU INTERESTED IN:

- Epidemiology
- Infectious Diseases
- Biostatistics
- Health Management of Agricultural and Companion Animals
- Advanced Clinical Skills Training
- Specialty Veterinary Sciences

CAREER OPPORTUNITIES:

- Specialized veterinary practitioner
- Diagnostician
- Researcher
- Pharmaceutical technical services
- Government organizations
- Academia

CONTACT INFORMATION

OVC Graduate Research and Programs Team:

ovc.popmgrad@uoguelph.ca

Graduate Program Coordinators:

Dr. Dave Renaud

renaudd@uoguelph.ca