

# Population Medicine: MSc, PhD

The graduate programs in the Department of Population Medicine are designed to provide our students with advanced knowledge and skills in the fields of epidemiology, health management, public health, and theriogenology. They learn study design, data collection and analysis, problem solving, and communication, to address current animal and human health issues often using a One Health approach.

[ovc.uoguelph.ca/population-medicine](http://ovc.uoguelph.ca/population-medicine)

## PROGRAM

The Master of Science (MSc) program is offered as a thesis-based program (completed in approximately 6 semesters) or a course-based program (completed in approximately 3 semesters). The thesis-based MSc program requires the successful completion and defence of a research-based thesis. The course-based MSc program requires the successful completion of a major research project.

The PhD program in Population Medicine is a thesis-based program completed in approximately 12 semesters (4 years). The PhD program requires the successful completion of a qualifying exam and the completion and defence of a research-based thesis.

## FIELDS

The department of Population Medicine offers expertise in a number of areas:

- Epidemiology
- Theriogenology
- Health Management
- Public Health

## COLLABORATIVE SPECIALIZATIONS

Collaborative Specializations allow students to enhance their degrees with multidisciplinary research. The MSc and PhD programs in the Department of Population Medicine participate in the following Collaborative Specializations:

- International Development Studies
- Neuroscience
- One Health

Additional information on these options can be found in the [Graduate Calendar](#).



## ADMISSION REQUIREMENTS

In the Population Medicine department, the minimum admission requirements are:

- MSc: an honours undergraduate degree in a relevant field with a minimum average of 70% (B-)
- PhD: an approved Master's degree with a minimum average of 73% (B)
- Infrequently, well qualified honours degree holders may be accepted directly into the PhD program.

Applicants must also confirm a faculty advisor before they apply. Please direct any questions regarding admission requirements to the Graduate and Research Programs team.

## APPLICATION DEADLINES:

Domestic applications will be accepted until 2 months prior to the semester. International applications will be accepted until 6 months prior to the semester.

**Entry: Fall / Winter / Summer**

[See website for deadlines.](#)

Applications are reviewed on an ongoing basis. We recommend having all documents submitted within 15 days of completing the OUAC application.

## ARE YOU INTERESTED IN:

- Epidemiology
- Public Health
- One Health
- Infectious Diseases
- Health Management of Agricultural and Companion Animals
- Biostatistics
- Animal Behaviour & Welfare
- Clinical Veterinary Communications

## CAREER OPPORTUNITIES:

- Researcher
- Epidemiologist
- Consultant
- Government agencies involved in agriculture, food safety, and public health
- Non-governmental organizations
- Academia

## CONTACT INFORMATION

**Graduate and Research Programs Team:**  
popmgrad@uoguelph.ca

**Graduate Program Coordinator**  
Dr. David Renaud  
renaudd@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.

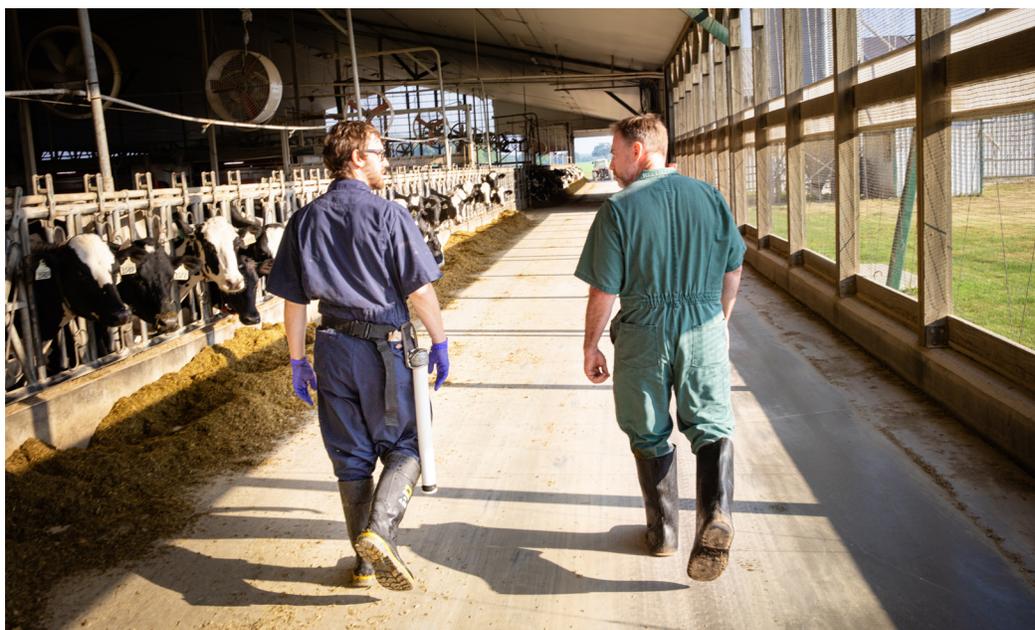
## AREAS OF STUDY

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

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## CONTACT INFORMATION

**OVC Graduate Research and Programs Team:**

ovc.popmgrad@uoguelph.ca

**Graduate Program Coordinators:**

Dr. Dave Renaud

renaudd@uoguelph.ca