

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

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:
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Graduate Program Coordinator
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