The Department of Population Medicine emphasizes a One Health approach to the understanding, prevention and control of diseases in domestic animal populations, as well as zoonotic diseases in human populations. MSc programs are offered in the fields of epidemiology, health management and theriogenology. The PhD program in epidemiology prepares people for careers in research with advanced analytic skills.

The program is designed to provide advanced knowledge and skills in field study design, data gathering, analysis and interpretation, oral presentation, and problem solving, as well as training in basic and applied epidemiological research.

Faculty
We have faculty strength across a breadth of disciplines focused on epidemiology and health management. Our faculty members conduct leading research in epidemiology and health management of farm animals, and the epidemiology of zoonoses and other foodborne and waterborne diseases of humans.

Research Environment
We emphasize population and field research and faculty have excellent access to ongoing field studies, population databases, and external collaborative networks. We also have computing facilities for advanced quantitative analyses for disease surveillance, multi-level modeling, disease modeling, and molecular epidemiology, and participate in a Centre for Public Health and Zoonoses, which promotes and supports collaborative and interdisciplinary research in public health at the human/animal/environmental interface. Active research links with scientists in the Public Health Agency of Canada (PHAC) provide excellent opportunities for research in public health.

Admission Requirements and Funding
Students can enter the MSc program with an Honours Bachelor’s degree or a DVM. Transfer to the PhD program is possible for students with advanced academic performance and research aptitude. Admission to the PhD program is usually granted to holders of an MSc degree who have demonstrated superior performance and aptitude for research. Infrequently, well qualified DVM or honours degree holders may be accepted directly into the PhD program. Funding is provided through Research Assistantships, Teaching Assistantships and scholarships.

Are you interested in:
- Epidemiology?
- Public Health?
- Health Management of Livestock?
- Biostatistics?

www.ovc.uoguelph.ca/popm/studies