

Graduate Studies in Health Sciences

Interdisciplinary programs that will provide you with opportunities to develop the knowledge and skills required to conduct high-quality research that culminates in a master's or PhD thesis. You will gain substantive training and expertise in your research field to be well prepared to take on higher-level roles within the health profession.

Master of Health Sciences (MHSc)

- Courses with a research thesis.
- Approximate completion time: 24 months (based on full-time study).

Doctor of Philosophy (PhD)

- Courses with a PhD research thesis.
- Approximate completion time: 48 months (based on full-time study).

Funding is available for research-based programs.



Fields

- **Community, Public and Population Health:** Develop a broad understanding of how the physical and social context shapes health, illness and health care through research and analysis of health determinants spanning from the individual to the population level.
- **Health Informatics:** Develop strategies to actively participate in multidisciplinary collaborations with diverse groups. Learn to assess and deploy the latest in computing and informatics systems to advance health-care delivery.
- **Kinesiology:** Synthesize current research and integrate practical and theoretical knowledge to understand how and why exercise and physical activity can be used as an intervention to promote health and well-being.

Sample research areas

- Artificial intelligence and data analytics in health care
- Chronic and infectious epidemiology and health policy
- Health-care simulation and modelling
- Inequalities in health and vulnerable populations
- Motor control in relation to injury prevention and rehabilitation
- Multidisciplinary influences on participation in physical activity and sport
- Occupational biomechanics and ergonomics
- Role of exercise in promoting health and function
- Serious games in health care
- Social determinants of health

Want more information?

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