

Epidemiology MSc Map

Applying to and Navigating Graduate Studies

Graduate Studies in Epidemiology?

Graduate students and their work are an important part of the ongoing research process that provides the community with ways of understanding health problems that occur at a local, regional, national, and even global level.

Students gain skills to communicate scientifically, describe trends and patterns of disease incidence and prevalence, critically review scientific literature related to community health and epidemiology, collect and analyze data, and more. The goal of the Master's in Epidemiology program is to provide a common methodological foundation from which to conduct research in human populations across diverse health-related areas. The scope of the field of epidemiology is broad; it includes a range of content areas and methodologies. Depending upon their focus, students learn about various research designs, biostatistics, program evaluation, health economics, as well as how to design surveys or use administrative data.

Why Queen's?

At Queen's, we have world class researchers and instructors who provide exceptional learning and mentorship for graduate students on the historic campus in the heart of Kingston.

Program Structure

MSc (2 years, full-time, in-person):
Coursework (4 core courses and 2 electives) and a thesis.



"Combined with the intimate and supportive environment cultivated by the faculty, the Queen's Epidemiology program is an outstanding choice for your graduate career!" – Atif Kukaswadia, PhD

Research Areas

Examples of research areas include, but are not limited to:

- Biostatistics
- Behavioural Epidemiology
- Cancer Epidemiology
- Clinical Epidemiology
- Environmental Epidemiology
- Life-Course Epidemiology
- Global Health
- Health Economics
- Health Equity
- Health Services & Policy Research
- Indigenous Health
- Perinatal and Early-Childhood Health
- Population Health
- Sexually Transmitted Infection
- And More!

Visit the [Epidemiology website](https://www.queensu.ca/grad-postdoc) to learn about faculty members' research areas. When you find a faculty member with

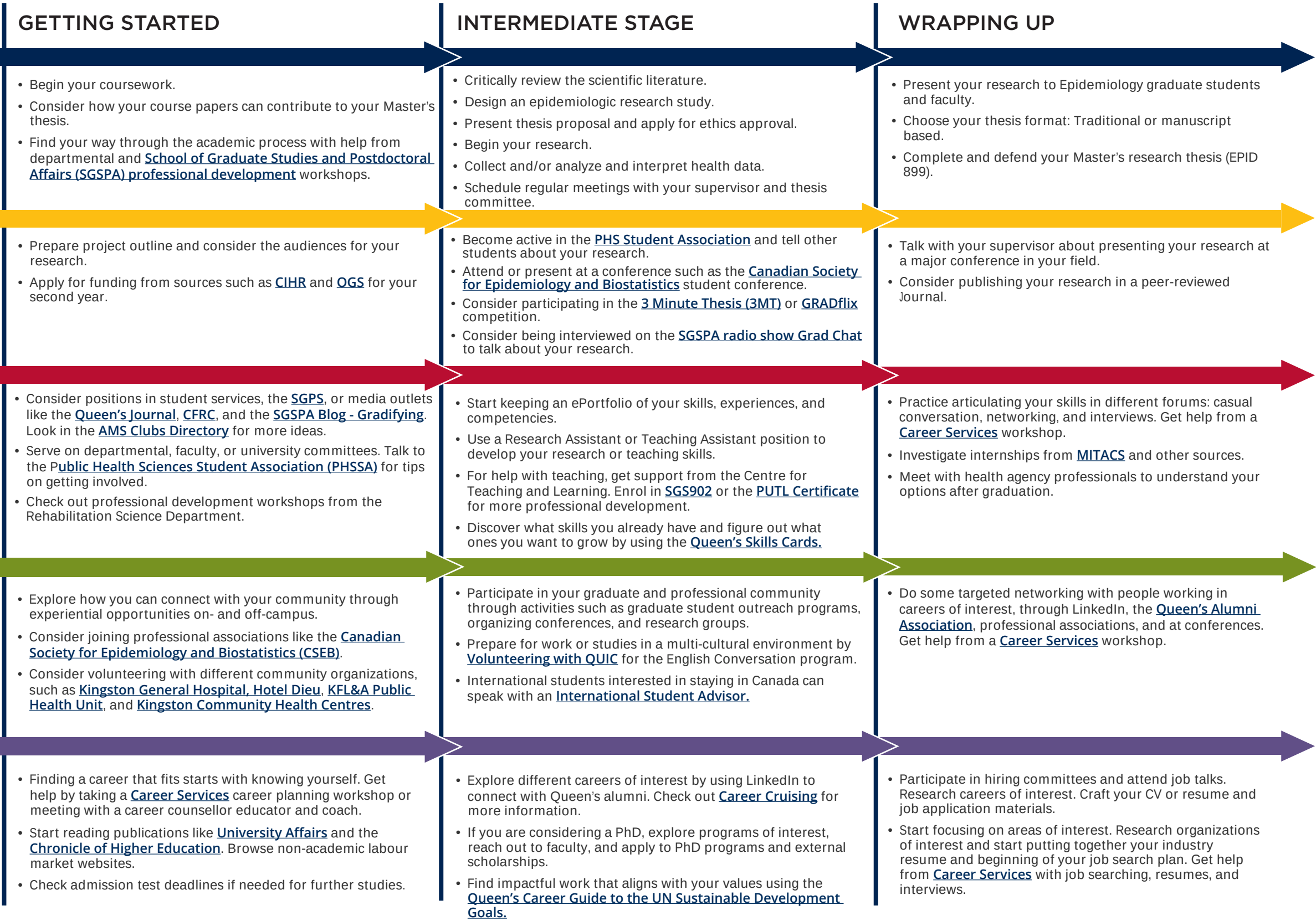
similar research interests to yours, contact them and tell them about your interest in graduate work and related experience.



Epidemiology MSc Map

MASTER OF SCIENCE (MSc)

How to use this map
Use the 5 rows of the map to explore possibilities and plan for success in the five overlapping areas of career and academics. To make your own custom map, use the My Grad Map tool: careers.queensu.ca/gradmaps.



Knowledge & Workplace Skills

A graduate degree in Epidemiology can equip you with valuable and versatile skills, such as:

- Knowledge and technical skills
- Effective communication skills in multiple forms for diverse audiences
- Information management: prioritize, organize, and synthesize large amounts of information
- Time management: Meet deadlines and manage responsibilities despite competing demands
- Project management: develop ideas, gather information, analyze, critically appraise findings, draw and act on conclusions
- Creativity and innovation
- Perseverance
- Independence and experience as a collaborative worker
- Awareness: an understanding of sound ethical practices, social responsibility, responsible research, and cultural sensitivity
- Professionalism in all aspects of work, research, and interactions
- Leadership: initiative and vision leading people and discussion

Career Possibilities

A Master's degree in Epidemiology can take your career in many directions. Many of our MSc students (96%) find jobs within 6 months of graduation. Some choose to continue their academic inquiry with a PhD or an MD. Our Master's students are equipped with a strong foundation for careers in:

- Data Analysis (Heath units, government agencies)
- Health research (research associates in universities, hospitals, government, public health units)
- Project management in pharmaceutical and scientific research industries

Taking time to explore career options, build experience, and network can help you have a smooth transition to the world of work after graduation.

Graduate Studies FAQs

How do I make the most of my time at Queen's?

Use the Grad Map to plan for success in five overlapping areas of your career and academic life. Everyone's journey is different - the ideas on the maps are suggestions to help you explore possibilities. For more support with your professional development, take advantage of the SGSPA professional development framework and the new Professional Development Plan (PDP) process to set customized goals to help you get career ready when you graduate.

Where can I get help?

Queen's provides you with a broad range of support services from your first point of contact with the university through to graduation. Ranging from help with academics and careers, to physical, emotional, or spiritual resources – our welcoming environment offers the programs and services you need to be successful, both academically and personally. Check out the [SGSPA website](#) for available resources.

What is the community like?

Queen's offers graduate students from every discipline a close-knit intellectual community where they can learn, discover, and build lasting connections. With more than 130 graduate programs across 50+ departments and research centres, students benefit from world-class scholars, prize-winning professional development, generous funding packages, and life in the historic waterfront city of Kingston. The campus sits at the heart of Kingston, just a 10-minute walk from downtown's shops, restaurants, and waterfront, and is deeply integrated with the local community. For more on Kingston's history and culture, see Queen's University's Discover Kingston page.

Application FAQs

What do I need to know to Apply?

ACADEMIC REQUIREMENTS

- Four-year undergraduate degree, typically in health sciences, life sciences, kinesiology, biomedical sciences, economics, etc with an overall minimum average of 77%.
- Demonstrated use of quantitative skills, by successfully completing courses in mathematics, statistics or data analysis, and by achieving a grade of A- in at least one statistics course.

ADDITIONAL ADMISSION REQUIREMENTS

- Transcripts
- CV/Resume
- Two academic letters of recommendation
- GRE with a minimum score of 149 on the quantitative section (if required)
- If English is not a first language, nor was the language of instruction in undergraduate studies, prospective students must meet English language proficiency requirements in writing, speaking, reading, and listening as part of the application process, and before final acceptance is granted, as per School of Graduate Studies and Postdoctoral Affairs' regulations.
- Statement of interest

KEY DATES & DEADLINES

- For international applicants, the final deadline to apply is January 31. Domestic applicants are strongly encouraged to complete their application by January 31; However, complete applications from domestic applicants may be reviewed if positions remain in the program.

Before you begin your application to the program, review the PHS website, reach out to potential supervisors, and familiarize yourself with the Graduate Studies Application process.

What about Funding?

The Department provides individual funding packages for full-time students (years 1 and 2) in the program, based on the student's academic standing and on the sources of money available each year. These packages are funded through a combination of external awards, internal university awards, and internal departmental awards. Students are expected to apply for internal and external awards for which they are eligible, including but not limited to CIHR, NSERC, OGS, the Heart & Stroke Foundation, CBCF, the Department of Defense, the Canadian Cancer Society, and more. For more information on awards and scholarships, consult the School of Graduate Studies and Postdoctoral Affairs' website.