

Pathology & Molecular Medicine

MSc Map

Applying to and Navigating Graduate Studies

Why Graduate Studies in Pathology and Molecular Medicine?

Graduate students and their work are an important part of an ongoing research process that provides the community with ways of understanding natural, cultural, imaginative, social, and technological phenomena. Graduate students in Pathology and Molecular Medicine have opportunities to pursue comprehensive training in basic and translational biomedical research. They pursue advanced degrees under the supervision of an exceptional group of basic, clinical, and translational researchers.

Why Queen's?

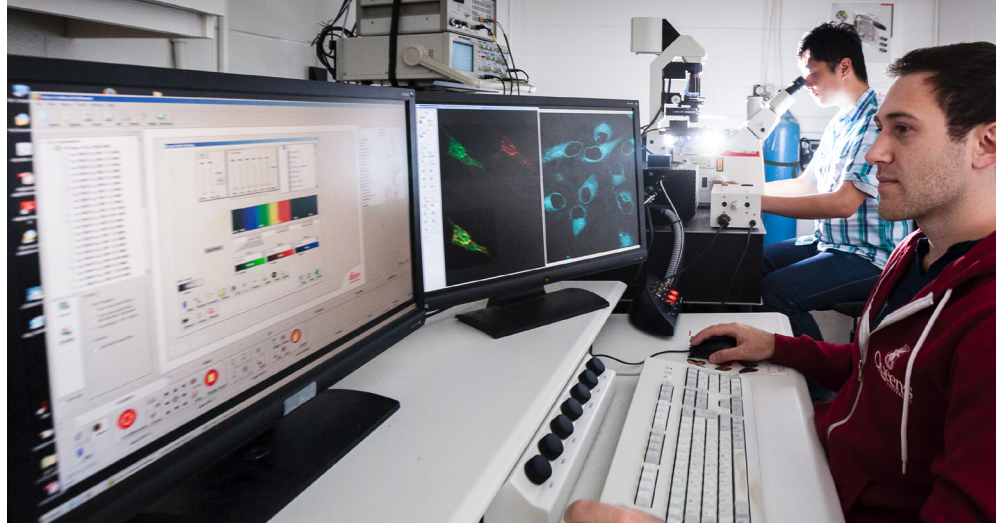
With a focus on cancer – 12 of our 20 investigators are cancer biologists – and our department members deliver comprehensive diagnostic laboratory and clinical services to Southeastern Ontario through the Kingston Health Sciences Centre, offering great training for the next generation of biomedical research scientists and laboratory physicians.

Program Structure

MSc (2 years): Course work, research demonstrating experimental competence, and a thesis.

Research Areas

- Cancer Research and Developmental Biology



Queen's is a great setting to learn first-hand how the fast pace of molecular genetic research is changing clinical practice, leading to exciting new diagnostic and treatment approaches for cancer and other diseases.

- Hemostasis, Thrombosis Research, and Vascular Biology
- Human Genetics and Cytogenetics

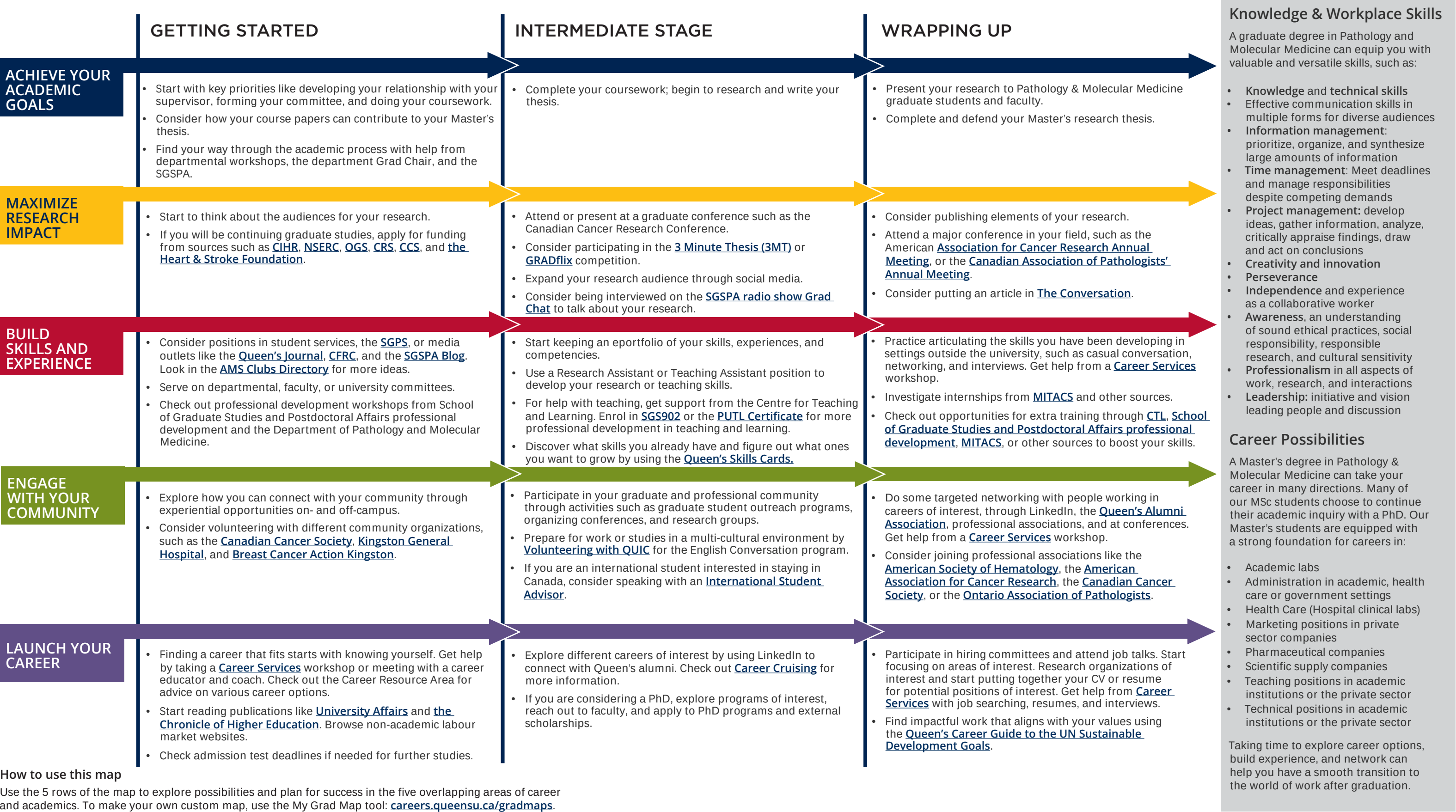
Visit the [Pathology and Molecular Medicine website](#) to read faculty profiles and learn more about faculty members' research areas. When you find a faculty member with similar research interests to yours, contact them and tell them about your interest in graduate work, area of research interest, and related experience.

Please include a current CV, contact information for 2-3 references who would be familiar with your academic performance, any research experience, and an unofficial transcript.



Pathology & Molecular Medicine 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](#).

Graduate Studies FAQs

Application FAQs

What do I need to know to Apply?

How do I use this map?

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 just 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.

ACADEMIC REQUIREMENTS

- Honours BSc or equivalent in life sciences, biochemistry, biology, or equivalent program with at least a B+ average. (Students with only a general degree can be admitted for a qualifying year.)
- We consider all of your grades, but pay particular attention to the last two years of science-related courses.

ADDITIONAL REQUIREMENTS

- 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.

KEY DATES & DEADLINES

- **Application due:** February 1st to be considered for internal funding.
- **Notification of acceptance:** Quickly pending confirmation of a supervisor.

Before you start your application, please review the Graduate studies application process.

What about Funding?

We currently offer our Master's students minimum funding of \$27,000 annually. For internal, provincial, and national competitive award winners, the minimum funding package increases by 2.5%, 5%, and 10% respectively. Additional income can be earned through teaching assistantships.

Apply for external funding from OGS, CIHR/NSERC, and other sources. For more information on awards and scholarships, consult the School of Graduate Studies and Postdoctoral Affairs' website.



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