

Mathematics & Statistics MSc Map

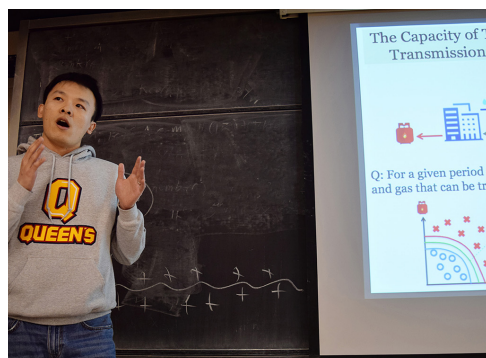
Mathematics & Engineering MASc Map

Applying to and Navigating Graduate Studies

Why Graduate Studies in Mathematics & Statistics?

A graduate degree in Mathematics and Statistics is essential for anyone aspiring to research or academic positions, and for those who want to assume a leadership role in government, business, and industry.

A Master's degree in mathematics and statistics or mathematics and engineering prepares students for a wide variety of research and industry career options.



"The graduate mathematics program at Queen's University is academically rigorous, deeply rewarding, the perfect preparation for a future career in industry or academia."—Jeff Calder, Associate Professor of Mathematics, University of Minnesota

Program Structure

- MSc Pattern I (18-24 months): course work and a research thesis.
- MSc Pattern II (12 months): course work and research project.
- MASc (18-24 months): course work and a research thesis.

We encourage you to review faculty research interests and faculty profiles to learn more about the research interests represented in our Department.

Why Queen's?

Queen's is an ideal place to pursue graduate study in Mathematics and Statistics or Engineering.

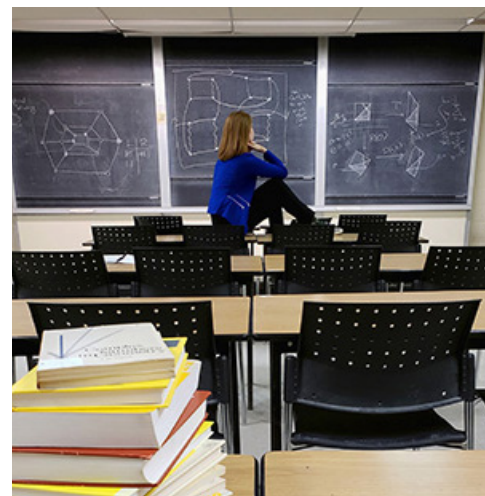
We have an outstanding group of faculty researchers who are internationally recognized in their fields of specialization.

They represent a wide variety of areas including pure mathematics, mathematical physics, mathematics applied to engineering, mathematical biology, and both theoretical and applied statistics.

Research Areas

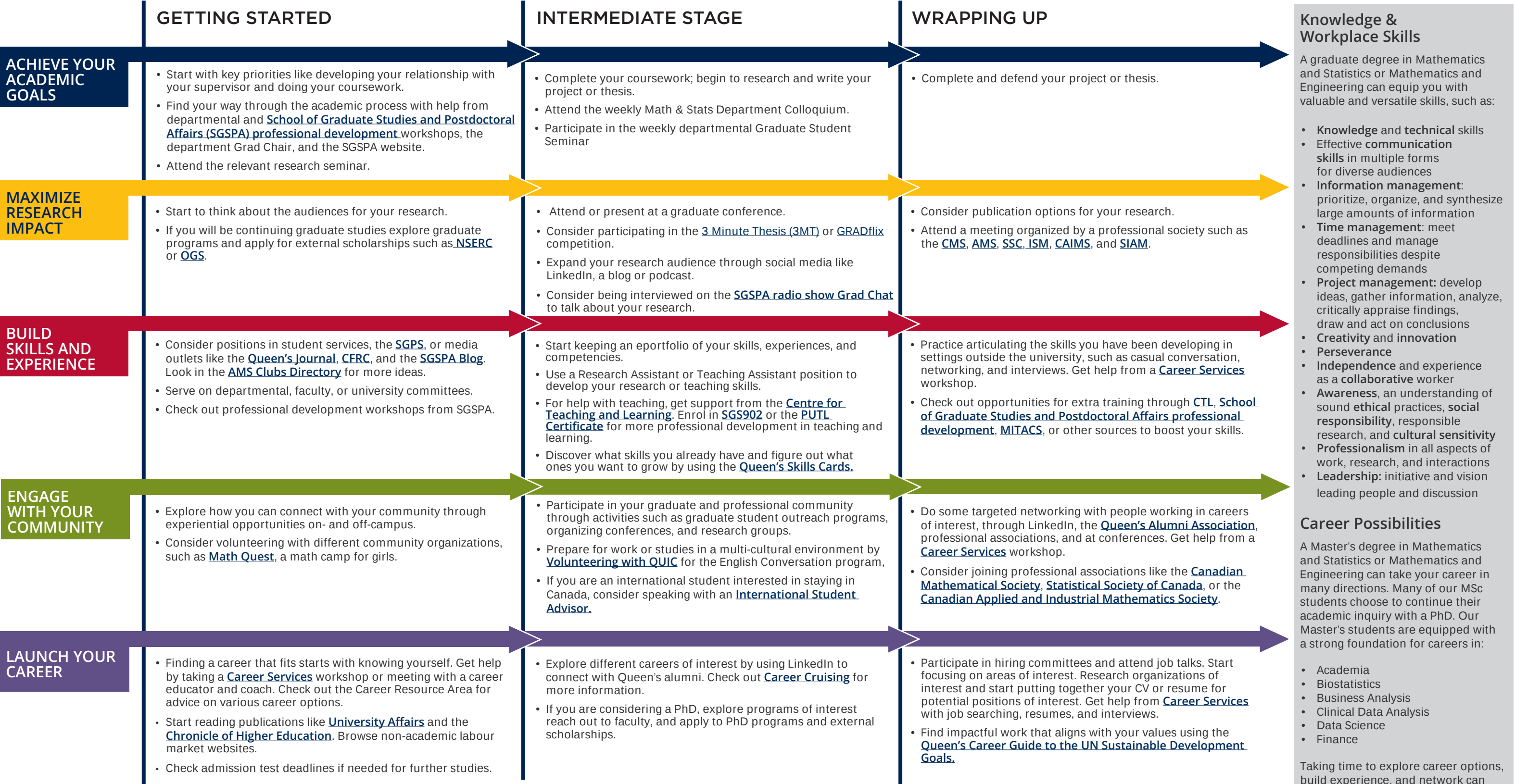
- Algebra and Number Theory
- Analysis, Geometry, and Topology
- Communications
- Control Theory
- Mathematical Biology
- Probability and Statistics

As part of your application for admission to the Department of Mathematics and Statistics you will be asked to list your research interests.



Mathematics & Statistics, Mathematics & Engineering

MASTER OF APPLIED SCIENCE (MASc), 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

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 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.

Application FAQs

What do I need to know to Apply?

ACADEMIC REQUIREMENTS

- **MSc:** 4 year Bachelor's degree or equivalent, in Mathematics and/or Statistics or related field, with a minimum B+ standing.
- **MASc:** 4 year Bachelor's degree in engineering and a strong background and interest in Mathematics and Statistics, with a minimum B+ standing.

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:** Although applications can be submitted up to April 30th, applicants are advised to submit their applications as soon as possible and by January 15th in order to receive full funding consideration.
- **Notification of acceptance:** Rolling acceptances.

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

What about Funding?

Funding can come from various sources including internal and external scholarships and awards, research fellowships and teaching assistantships. Most master's students who require support currently receive a minimum funding guarantee of \$28,225 per year from all sources, for up to two years.

We encourage all eligible student to apply for external funding from OGS, NSERC, and other sources. For more information on awards and scholarships, consult the School of Graduate Studies and Postdoctoral Affairs' website.

