

Mathematics & Statistics MSc Map

Mathematics & Engineering MASc Map

Applying to and Navigating Graduate Studies

Why GRADUATE STUDIES in MATHEMATICS and STATISTICS?

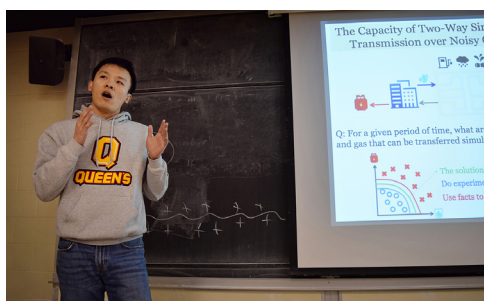
A graduate degree in Mathematics and Statistics is essential for anyone aspiring to research or academic positions, and for those who want to assume a leadership role in government, business, and industry. A Master's degree in mathematics and statistics prepares students for a wide variety of research and industry career options.

Why QUEEN'S?

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

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.



GRAD MAP FOR MSc, MASc 

"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

RESEARCH Areas

- Algebra and Number Theory
- Analysis, Geometry, and Topology
- Applied Mathematics
- 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. We encourage you to review [faculty research interests](#) and [faculty profiles](#) to learn more about the research interests represented in our Department.



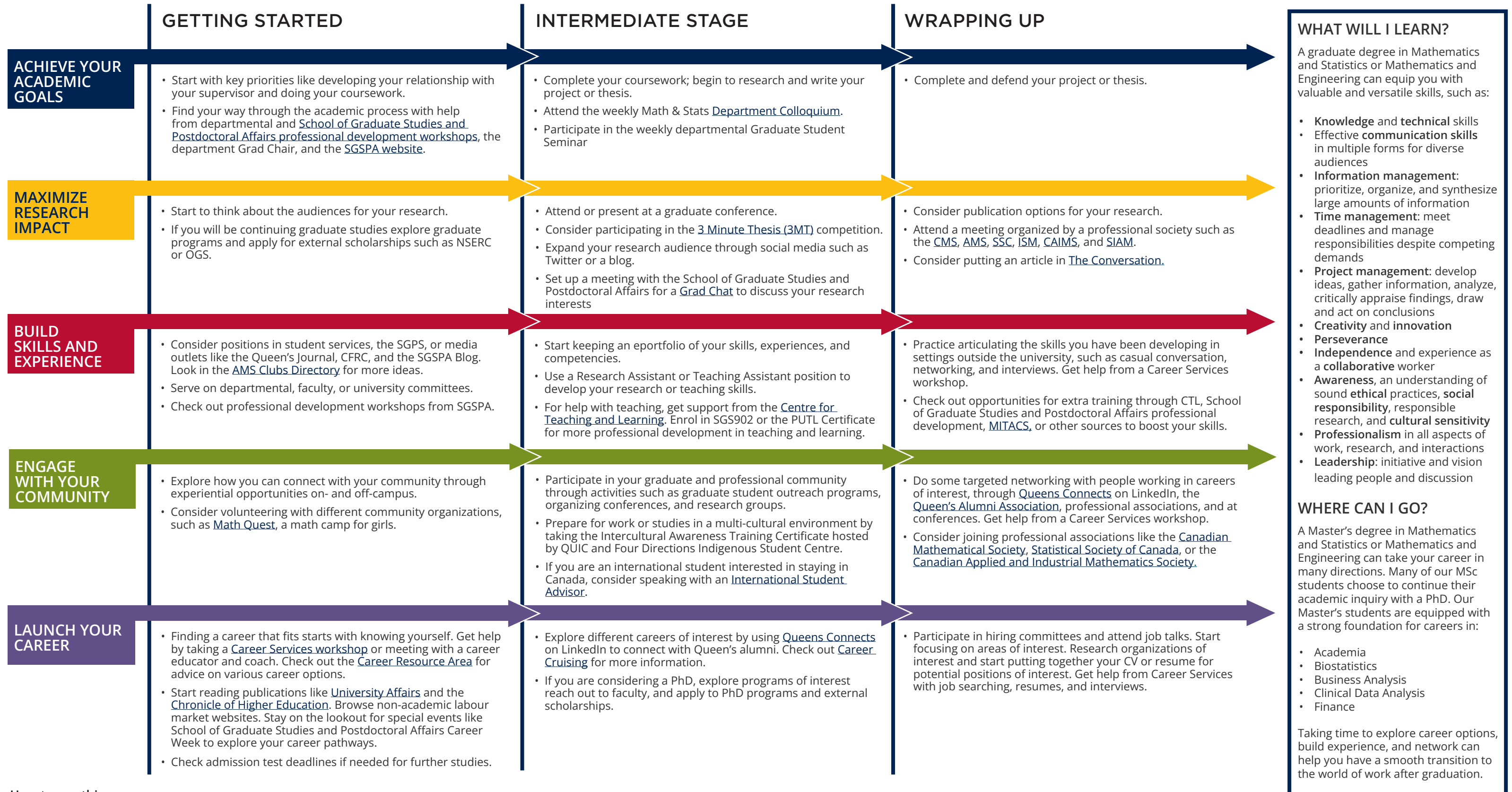
**SMITH
ENGINEERING**
Queen's University

**GRADUATE STUDIES AND
POSTDOCTORAL AFFAIRS**

2023-2024

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. The map just offers suggestions – you don't have to do it all! To make your own custom map, use the [My Grad Map](#) tool.

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 [Individual Development Plan \(IDP\)](#) 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?

At Queen's, graduate students from all disciplines learn and discover in a close-knit intellectual community. You will find friends, peers and support among the graduate students enrolled in Queen's more than 130 graduate programs within 50+ departments & research centres. With the world's best scholars, prize-winning professional development opportunities, excellent funding packages and life in the affordable, historic waterfront city of Kingston, Queen's offers a wonderful environment for graduate studies. Queen's is an integral part of the Kingston community, with the campus nestled in the core of the city, only a 10-minute walk to downtown with its shopping, dining and waterfront. For more about 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 native language, prospective students must meet the [English language proficiency requirements](#) in writing, speaking, reading, and listening. The following minimum scores are required: (1) TOEFL iBT: Writing (24/30); Speaking (22/30); Reading (22/30); Listening (20/30). Applicants must have the minimum score in each test as well as the minimum overall score, or (2) IELTS: 7.0 (academic module overall band score and a 7.0 for each test band), or (3) PTE Academics: 65, or (4) CAEL CE -70 (minimum overall score).

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?

Most MSc and MASc students in Mathematics and Statistics receive minimum funding of \$25,500 per year for up to two years, depending on the program. Student funding packages normally consist of a combination of internal or external scholarships and awards, teaching assistantships, and research fellowships.

We encourage all eligible student to apply for external funding from OGS, NSERC, and other sources. For more information on sources of funding see [Funding, Awards, Scholarships and Bursaries](#).



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