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 is very useful 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 (number theory, algebra, algebraic geometry, combinatorics, operator algebras, random matrices and dynamical systems), mathematical physics, mathematics applied to engineering (control theory, communication theory), 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.

RESEARCH Areas

MSc
- Algebra and Number Theory
- Analysis, Geometry, and Topology
- Applied Mathematics
- Mathematics and Engineering
- Probability and Statistics

MASc
- Mathematics and Engineering

We encourage you to identify an area of research interest and contact a potential supervisor before applying.

Visit the Department of Mathematics and Statistics 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 him/her and tell them about your interest in graduate work and related experience.
Application FAQs

What do I need to know to APPLY?

ACADEMIC REQUIREMENTS
- MSc: 4 year Bachelor’s degree (preferably honours) with a minimum B+ standing.
- MASc: 4 year Bachelor’s degree (normally in engineering) with a minimum B+ standing.

ADDITIONAL REQUIREMENTS
- Two official transcripts for all post-secondary studies.
- At least 2 letters of reference.
- Curriculum vitae.
- If English is not a native language, prospective students must meet the English language proficiency requirements in writing, speaking, reading, and listening. The School of Graduate Studies requires the following minimum scores: TOEFL (paper-based): 550, (2) TOEFL iBT: Writing (24/30); Speaking (22/30); Reading (22/30); Listening (20/30), for a total of 88/120 (applicants must have the minimum score in each test as well as the minimum overall score), or (3) IELTS: 7.0 (academic module overall band score), or (4) PTE Academics: 65.

KEY DATES & DEADLINES
- Application due: January 15 to receive full funding consideration. There is no deadline to apply for admission.
- 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 $23,000 per year. The funding package can consist of teaching assistantships or fellowships, research fellowships, internal and external awards and/or scholarships.

We encourage all eligible student to apply for external funding from OGS, NSERC and other sources. Queen’s will automatically issue a $5,000 top-up to incoming master’s students who are awarded federal government tri-council awards. For more information, see the School of Graduate Studies’ information on awards and scholarships.

DEPARTMENT OF
MATHEMATICS AND STATISTICS

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