



PURE MATHEMATICS

The Department offers exciting and challenging graduate programs leading to MMath and PhD degrees. We are home to 26 research active faculty, four staff, approximately 45 graduate students, several research visitors, and numerous undergraduate students. We offer a broad range of courses, covering the spectrum of pure mathematics. Students are also welcome to take relevant courses in other departments at the University.

Our graduate students work one-on-one with their supervisor to prepare a research paper or thesis for their master's degree, and are guided through the process of doing original research for their PhD.

PROGRAMS

MASTER OF MATHEMATICS (MMATH) IN PURE MATHEMATICS

Quantum Information specialization available

The MMath degree is a one year research based program. All students are admitted to the "Research Paper" option, where students normally take three courses in each of the Fall and Winter terms, and complete a Research Paper supervised by a Faculty member during the Spring term. Students with a very strong undergraduate background and a supportive Supervisor may apply to the Graduate Committee to transfer to the "Thesis" option during the latter half of the Fall term.

DOCTOR OF PHILOSOPHY (PHD) IN PURE MATHEMATICS

Quantum Information specialization available

The goal of our PhD program is to develop our students into research mathematicians. The four year PhD program involves the successful completion of written Comprehensive Exams, completion of four courses, a lecturing requirement, and the most important requirement, the completion of a PhD Thesis. The thesis must be of a standard that warrants publication in the research literature of the field, and our program is designed to build to this achievement.

ADMISSION REQUIREMENTS

MMATH

A four-year Honours Bachelor's degree or its equivalent in mathematics or in a closely related field, with a minimum overall average of 78%.

Application materials

- > Supplementary information form
- > Transcript(s)
- > Three references (at least two academic)

English Language Proficiency (ELP)

- > TOEFL 90 (writing 25, speaking 25)
- > IELTS 7.0 (writing 6.5, speaking 6.5)

PHD

A Master's degree in mathematics, or in a closely related field, with a minimum overall average of 78%.

Application materials

- > Supplementary information form
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- > Three references (at least two academic)

English Language Proficiency (ELP)

- > TOEFL 90 (writing 25, speaking 25)
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DEADLINES

MMATH

FALL 2021

January 15, 2021

WINTER 2022

Contact department

PHD

FALL 2021

December 15, 2020

SPRING 2021

Contact department

WINTER 2022

May 15, 2021

CONTACT US

Pure Math Grad Info

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Visit our website to learn more:

Pure Mathematics Graduate Studies

