Challenge what's possible

Research is conducted in six major fields at Carleton University:

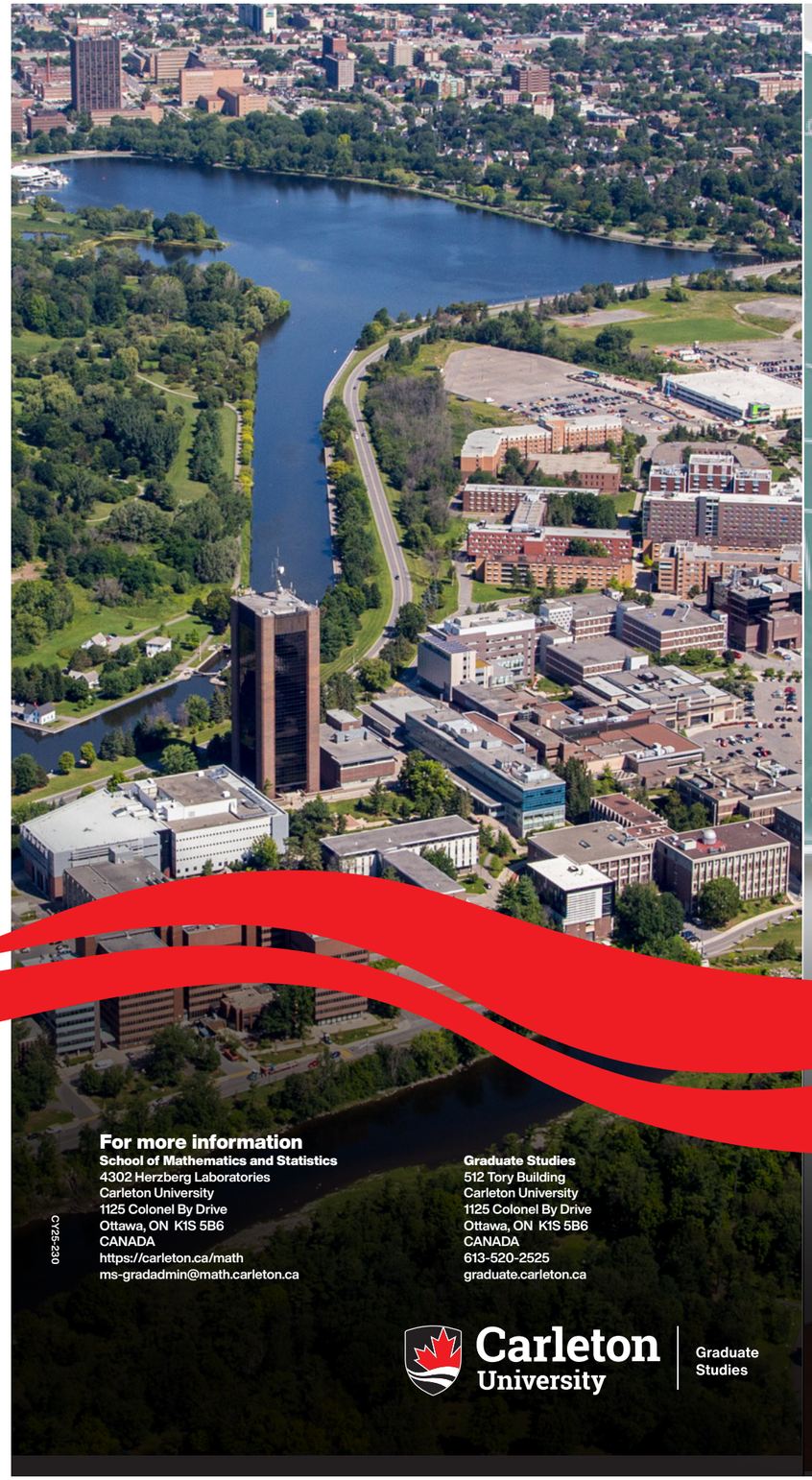
- Algebra and Number Theory Group
- Applied and Computational Math Group
- Combinatorics Group
- Probability Group
- Statistics Group
- Theoretical and Functional Analysis Group

With professors internationally-recognized for their research expertise and leadership to guide you, now is the time to join us for a Master of Science or a PhD to see what you are capable of!

Become a Raven!

EXPERIENTIAL LEARNING
Internships to prepare you for the workplace

Ottawa-Carleton Institute for Mathematics and Statistics Joint Institute offers one of the largest grad programs in math and statistics in Canada



For more information

School of Mathematics and Statistics
4302 Herzberg Laboratories
Carleton University
1125 Colonel By Drive
Ottawa, ON K1S 5B6
CANADA
https://carleton.ca/math
ms-gradadmin@math.carleton.ca

Graduate Studies
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Carleton University
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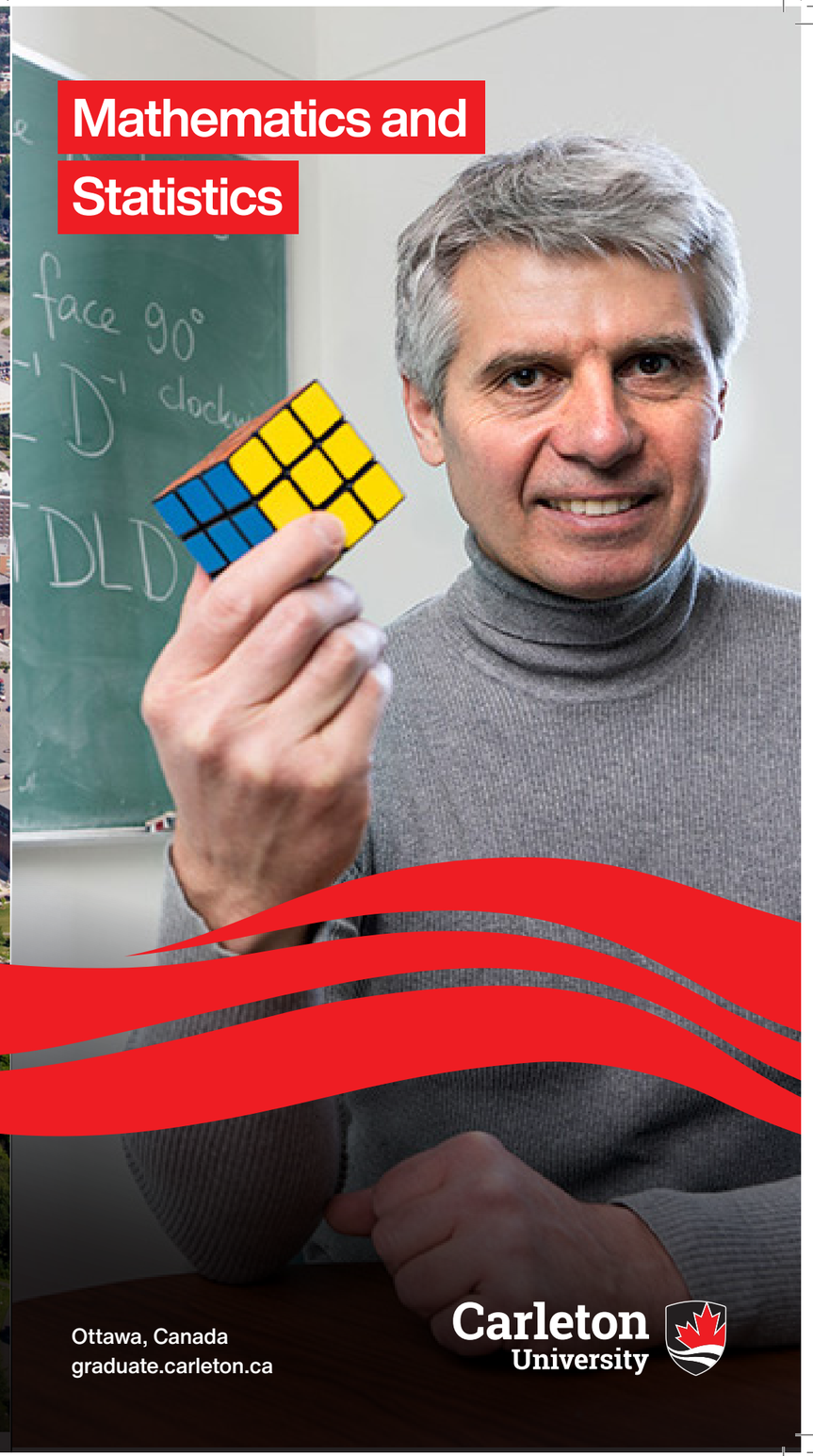
613-520-2525
graduate.carleton.ca

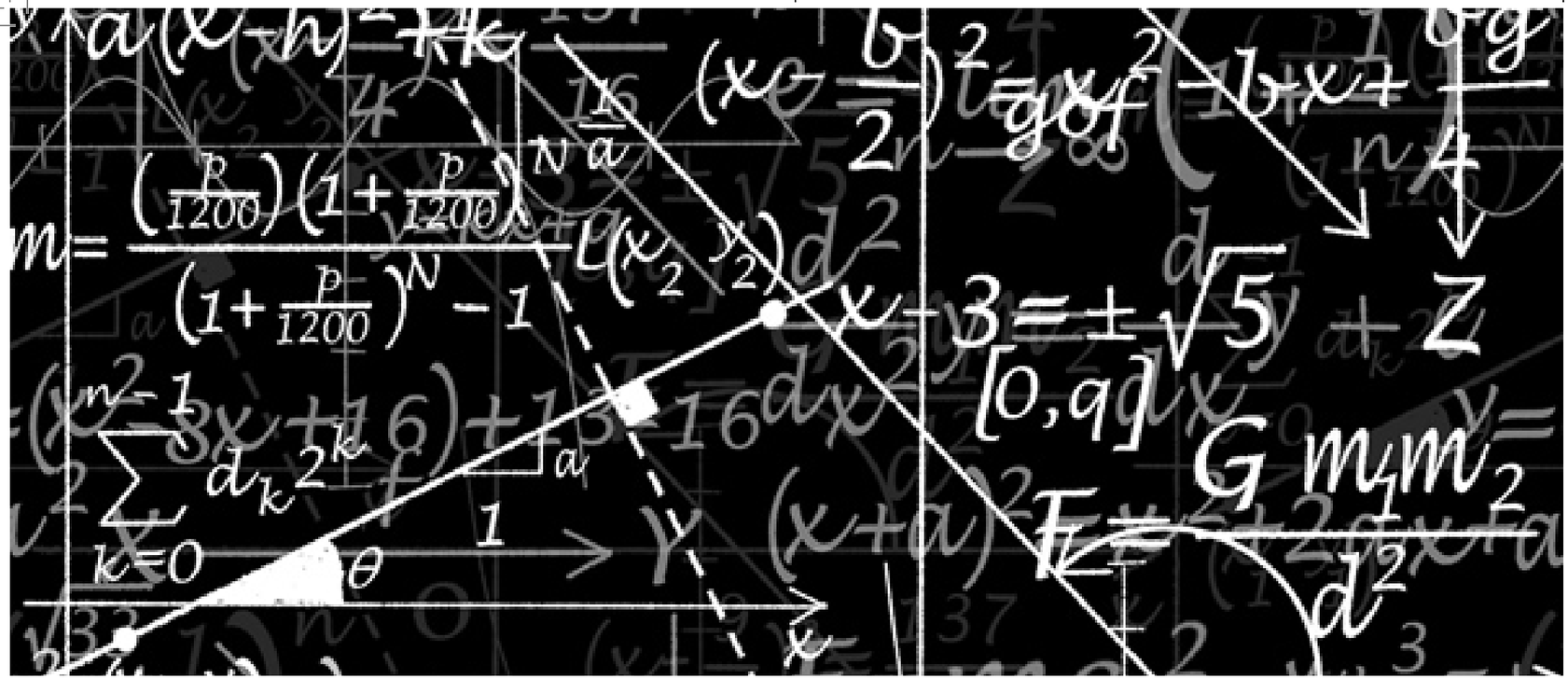
CY25-230

Carleton University | Graduate Studies



Ottawa, Canada
graduate.carleton.ca

Carleton University



Mathematics and Statistics

Graduate Programs in Mathematics and Statistics

Our graduate programs are collaborative, creative and insightful. We offer two distinguished graduate mathematics degrees: a Master of Science (MSc) and a PhD.

For the master's program, there are three pathways: coursework, research project and thesis. A Specialization in Bioinformatics is also available to add to the MSc.

The PhD program focuses on diverse areas including algebra and analysis, probability and statistics, discrete mathematics, applied mathematics, cryptography, networks, coding theory and fluid dynamics.

You can choose from the following program and research areas: Applied Mathematics (through the Applied Analysis or the Combinatorics Research Groups), Pure Mathematics (through the Algebra and Number Theory or the Theoretical and Functional Analysis Groups), or Probability and Statistics.

The School of Mathematics and Statistics conducts research in six major fields:

- Algebra and Number Theory Group
- Applied and Computational Math Group
- Combinatorics Group
- Probability Group
- Statistics Group
- Theoretical and Functional Analysis Group

Our professors are internationally recognized for their research expertise and leadership. More information about individual faculty is available on our website. As proud sponsors of the Fields Institute for Research in Mathematical Sciences, our students participate in lectures sponsored by the institute, including the Fields-Carleton Distinguished Lecture Series.

The School is a member of the Ottawa-Carleton Institute for Mathematics and Statistics (OCIMS), a joint institute with the University of Ottawa. Together, we offer one of the largest graduate programs in mathematics and statistics in Canada. Students can take courses at both universities, while benefitting from the expertise and resources at both institutions.

Enjoy the Ottawa Advantage

Our location in the nation's capital provides access to paid internships for domestic and international students in government departments and private industry. Our students have interned at Health Canada, the Ottawa Health Research Institute, Canada Border Services Agency, Statistics Canada, CSE Communications Security Establishment, and the Canadian Institute for Health Information. Placements are competitive and not guaranteed.

Fall Application Deadline

February 1 to be considered for funding

Winter Application Deadline

August 1 to be considered for funding

Admission Requirements

MSC: An honour's bachelor's degree in mathematics, or the equivalent, with at least B+ overall. Applicants holding a three-year degree, with at least a B+ average, may be considered.

PHD: A master's degree in mathematics, or the equivalent, with at least a B+ standing.

"The PhD program in Probability and Statistics at Carleton has provided an incredibly supportive environment to pursue cutting-edge research while building strong relationships with faculty and peers. It offers a balance of theoretical depth and practical application, preparing me for academic and applied careers. The program builds naturally on my earlier MSc in Statistics at Carleton which laid a strong foundation and fostered the curiosity and confidence that led me to further my studies."

Xiang Zhao,
PhD Candidate (Probability and Statistics)