

# FACULTY OF MATHEMATICS

**#1 IN CANADA**

for computer science and mathematics (*Macleans*' 2021)

**7 OUT OF 10**

jobs require a Math degree (*CareerCast.com* 2020)

**ONLY FACULTY OF MATHEMATICS**

in North America

**LARGEST CENTRE IN THE WORLD**

for mathematics and computer science

The Faculty of Mathematics is a world-leader in graph theory, cryptography, privacy, artificial intelligence, and more. Our research and teaching in computer science and mathematics paves the way for innovation for the real-world. We prepare our students to take on many challenges.

## CO-OP

Co-op is Waterloo's job readiness program. Work with employers in between your studies and earn up to two years of relevant, paid work experience. Learn how to prepare a resume, interview, network, and solve real problems.

[uwaterloo.ca/future-students/co-op](http://uwaterloo.ca/future-students/co-op)

## CAREER POSSIBILITIES

- > Asset and liability manager
- > Business analyst
- > Consultant
- > Data scientist
- > Project manager
- > Securities trader
- > Software developer

## PROGRAMS

[uwaterloo.ca/math/future-undergraduates/programs](http://uwaterloo.ca/math/future-undergraduates/programs)

### HONOURS MATHEMATICS

(Apply to Honours Mathematics and choose a major in second year)

#### Majors

- > Actuarial Science
- > Applied Mathematics
- > Biostatistics
- > Combinatorics and Optimization
- > Computational Mathematics
- > Data Science\*
- > Mathematical Economics
- > Mathematical Finance
- > Mathematical Optimization
- > Mathematical Physics
- > Mathematical Studies
- > Mathematics/Teaching ❖
- > Pure Mathematics
- > Statistics

### MATH + BUSINESS

(Apply directly to each program)

- > Business Administration and Mathematics Double Degree ❖\*
- > Mathematics/Business Administration
  - > Information Technology Management (apply to Mathematics/Business and choose ITM after second year)
- > Mathematics/Chartered Professional Accountancy ❖
- > Mathematics/Financial Analysis and Risk Management

### DAVID R. CHERITON SCHOOL OF COMPUTER SCIENCE

(Apply directly to each program)

- > Computer Science\*
  - > Data Science (apply to computer science and choose this major after second year)
- > Business Administration and Computer Science Double Degree ❖\*
- > Computing and Financial Management ❖\*
- > Software Engineering ❖\*

- ❖ indicates co-op-only programs
- \* indicates programs that are the most competitive for entry



UNIVERSITY OF  
**WATERLOO**

FACULTY OF  
MATHEMATICS



## 1-HOUR DRIVE

from Toronto Pearson International Airport to Waterloo



The Region of Waterloo is a **DIVERSE AND SAFE** community-based city  
**POPULATION: 623,930**

**25°C** summertime high in Waterloo Region (77°F)  
**AVERAGE**

### ADMISSION REQUIREMENTS

Admissions to the Faculty of Mathematics is selective. You will be evaluated based on your overall average, required courses for admissions, and Admissions Information Form. Find out what specific requirements you need for your curriculum.

[uwaterloo.ca/future/admissions](http://uwaterloo.ca/future/admissions)

### CONTESTS

Math and computing contests challenge the problem-solving skills of students from around the world. Contest participation is not a requirement for admission, but we strongly encourage you to participate. Contests are needed for math scholarships.

[uwaterloo.ca/math/future-undergraduates/contests](http://uwaterloo.ca/math/future-undergraduates/contests)

### ENGLISH LANGUAGE REQUIREMENTS

If English is not your first language and your four most recent years of full-time education have not been taught in English, you'll be required to submit an English language test.

[uwaterloo.ca/future/elr](http://uwaterloo.ca/future/elr)

### MATH/BRIDGE TO ACADEMIC SUCCESS IN ENGLISH (MATH/BASE)

Strong applicants who need additional training to meet our English language requirements may be required to complete the MATH/BASE program, before they begin the program they applied to.

[uwaterloo.ca/base/math](http://uwaterloo.ca/base/math)

### TUITION AND SCHOLARSHIPS

Tuition fees range for each program of study. Total first-year costs may include tuition, residence, books, meals, and co-op. Use our budget calculator to determine your costs and learn how to offset your fees with scholarships.

[uwaterloo.ca/future/tuition](http://uwaterloo.ca/future/tuition)

### PEER SUPPORT

Thirty percent of students that study math are international. Connect with one of our ambassadors to find out how to transition to Waterloo and make it your home away from home.

[uwaterloo.ca/future-students/ask/math](http://uwaterloo.ca/future-students/ask/math)

### IMMIGRATION CONSULTING

There are many supports to help you through the visa application process, if you receive an offer. Immigration consultants are licensed and knowledgeable about the process to be eligible to study and work in Canada.

[uwaterloo.ca/future-students/international-students](http://uwaterloo.ca/future-students/international-students)

## CONTACT US

FACULTY OF MATHEMATICS  
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[uwaterloo.ca/future-students](http://uwaterloo.ca/future-students)

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