



COMPUTER SCIENCE

400+
graduate students

The David R. Cheriton School of Computer Science has an international reputation in teaching, academics, research, and employment. We attract exceptional students from all over the world to study and conduct research with our award-winning faculty. Our 16 research areas span the field of computer science, from core work on systems, theory and programming languages to human-computer interaction, artificial intelligence, and quantum computing to theoretical and applied machine learning.

FUN FACTS

- > #2 in Canada*
- > #20 in the world*
- > Only Canadian university to win the ACM International Collegiate Programming Competition twice

*2020 US News and World Report

90+
faculty members

PROGRAMS

MASTER OF MATHEMATICS (MMATH) IN COMPUTER SCIENCE

Thesis | Coursework | Co-op option | Quantum Information specialization

You will have the independence to pursue your preferred area of research with a faculty supervisor, or complete eight courses to fulfill your degree requirements through the coursework option.

DOCTOR OF PHILOSOPHY (PHD) IN COMPUTER SCIENCE

Internship option | Quantum Information specialization

To continue pursuing research and expand your learning, you will work with a supervisor to develop a thesis. At the PhD level, you will be expected to conduct meaningful research that expands the scope of your graduate work.



UNIVERSITY OF
WATERLOO

FACULTY OF
MATHEMATICS

ADMISSION REQUIREMENTS

Applicants should have formal background in programming languages, data structures, operating systems, algorithms, computer organization (architecture). Students who lack this background may be required to take remedial courses.

MMATH

A four-year Honours Bachelor's degree in Computer Science or Engineering or equivalent, with a minimum overall average of 78%.

Application materials

- > Résumé
- > Supplementary information form
- > Transcript(s)
- > Three references (at least two academic)
- > English Language Proficiency (ELP)

PHD

A Master's degree in Computer Science, with a minimum overall average of 78%.

Application materials

- > Résumé
- > Supplementary information form
- > Transcript(s)
- > Three references (at least two academic)
- > English Language Proficiency (ELP)

Note: Students with an undergraduate degree in CS may apply directly to the PhD program if they have an outstanding academic record, breadth of knowledge in CS, and strong letters of recommendation.

DEADLINES

FALL 2021

December 15, 2020

WINTER 2022

June 1, 2021

SPRING 2022

October 10, 2021

CONTACT US

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Visit our websites to learn more:

[MMath in CS program details](#)

[PhD in CS program details](#)

[Graduate studies FAQ](#)

