# Computer Science: MSc

The School of Computer Science (SoCS) emphasizes both academic and applied research that can contribute to future research, industry partnerships and government programs. Interaction with other disciplines is encouraged and many faculty work with industry partners.

*uoguelph.ca/computing*

## Program

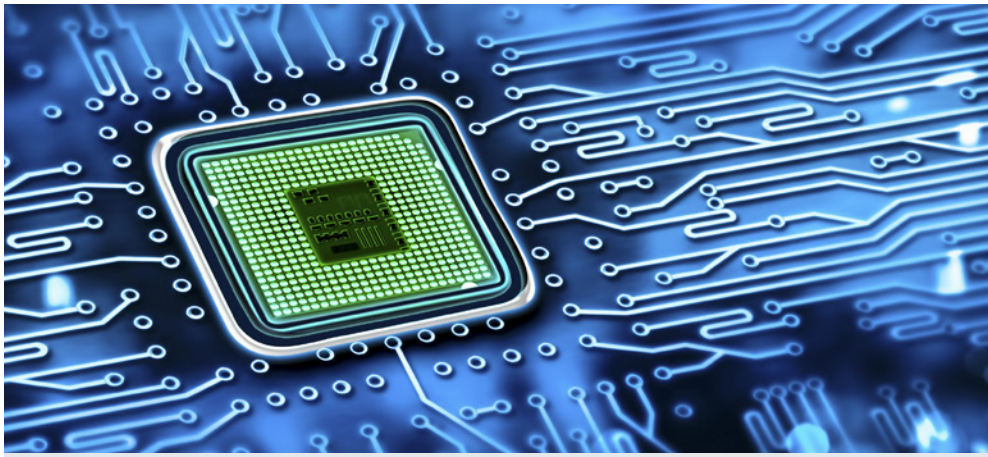
The MSc in Computer Science is a thesis-based, two-year program during which students will complete five courses, give a public seminar, conduct research and successfully defend a thesis.

## Research Areas

- Artificial Intelligence/Machine Learning
- Cybersecurity
- Data Science
- Human Computer Interaction
- Bioinformatics
- Applied Modelling and Theory
- Hardware & Distributed Systems

## Admission Requirements

- Applicants require a four-year honours degree in computer science, or in another discipline with a minor in computer science.
- A minimum average of 75% during the last four semesters of full-time study is required.
- An English proficiency test is required for applicants whose first language is not English.



The University of Guelph consistently ranks as one of Canada's top comprehensive universities. Graduate studies in the School of Computer Science will enable you to engage in groundbreaking research in a collaborative and supportive department.

## Faculty and Facilities

The School of Computer Science at the University of Guelph has professors that are at the cutting edge of their fields. We offer courses that cover a wide range of topics and provide competitive financial incentives to eligible students.

Our students are highly coveted by local industry. They are leading software development teams, providing eHealth innovations (such as the widely acclaimed Iron Tracker mobile application) and working at the cutting edge of data science and machine learning.

**Application Deadline:**
Fall: June 1
Winter: October 1
Spring: February 1

### ARE YOU INTERESTED IN:

- Advanced Algorithms
- Data Analysis
- Design Patterns
- eHealth Innovation
- Machine Learning

### CAREER OPPORTUNITIES:

- Data Engineering
- Machine Learning
- Software Development
- User Interface Analysis

### CONTACT INFORMATION

**Graduate Coordinator, MSc:**
Dr. Joseph Sawada
graddir@socs.uoguelph.ca

**Graduate Program Assistant:**
Jennifer Hughes
519-824-4120 ext 56402
csgradassist@uoguelph.ca

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