UNIVERSITY OF GUELPH

CHANGING LIVES
IMPROVING LIFE

Computer Science: MSc

The School of Computer Science (SoCS) offers you a great opportunity for research and graduate studies. We have professors at the cutting edge of their fields, offer courses covering a wide range of computer science areas, and provide competitive financial incentives to eligible students. Graduate studies in the SoCS will enable you to engage in groundbreaking research that will prepare you for industry or further studies.

Masters Degree

The MSc in Computer Science emphasizes both academic and applied research that can contribute to further research, industry partnerships, and government programs. Interaction with other disciplines is encouraged and many faculty collaborate and work with leading industry partners. The MSc program is a two-year program during which you will complete five courses, give a public seminar and complete and successfully defend a thesis. Our MSc degree is also very time efficient and students can complete the program in as little as 4 semesters (16 months).

Areas of Study

- Applied Modelling (AM): Students working in this field will engage in research on topics such as graph theory and algorithms, formal specifications, hardware-software co-design, and interdisciplinary work in environmental modeling and disease spread modeling.
- Artificial Intelligence (AI): Students working in this field will engage in research on topics such as Bayesian techniques, artificial neural networks, evolutionary computation, fuzzy systems, datamining, pattern recognition, intelligent agents.
- Distributed Computing (DC): Students working in this field will engage in research on topics such as parallel computing, distributed systems, embedded systems, multi-agent systems, mobile computing, wireless networks, and ad hoc networks.
- Human Computer Interaction (HCI): Students working in this field will engage in research on topics such as context-aware systems, usability, interface design, mobile and ubiquitous computing.

Admission Requirements

- Four-year honours degree in computer science or a four-year honours degree in another discipline with a minor in computer science.
- Minimum average of at least 75% during the previous two years of full-time university study.
- A recent and updated CV (curriculum vitae).
- A statement of research.
- English proficiency test for applicants whose first language is not English.

FOR MORE INFORMATION
PLEASE CONTACT::

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