Master of Cybersecurity & Threat Intelligence: MCTI

With cyber attacks on the rise, the industry demand for professionals in cybersecurity has never been higher. The Master of Cybersecurity and Threat Intelligence offered by the School of Computer Science is a unique, cutting-edge program that trains our graduates to become leaders in cybersecurity, cyber threat intelligence and digital forensics.

uoguelph.ca/computing/mastercybersecurity

Program

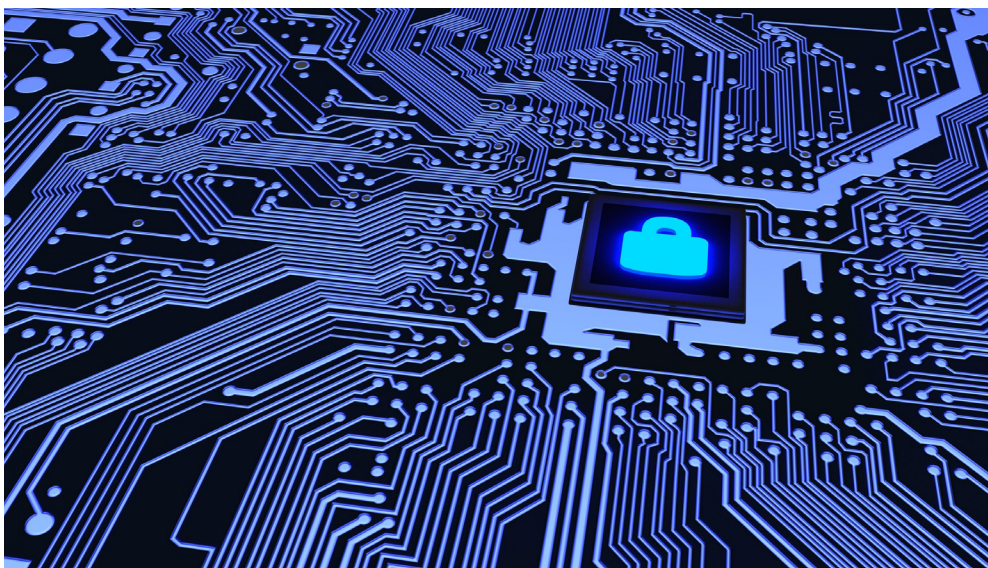The Master of Cybersecurity and Threat Intelligence program is a full-time, one-year, course-based program (3 semesters, or 12 months). Requirements of the program include completion of five core courses, one elective course and a final, culminating in an independent project wherein students produce an evidence-based solution to a complex cybersecurity problem in partnership with an industry or academic expert.

Subject Areas

- malware and forensic analysis
- cyber physical systems security
- cryptography and blockchains
- privacy
- usable security
- mobile security

Partners

The MCTI program at the School of Computer Science is made possible through in-kind contributions by industry partners McAfee Canada, Information Systems Architects (ISA), Cisco Systems, Kaspersky Lab, RCMP, eSentire, Blackberry, IBM and the Cooperators. These funds have supported the creation of a new cybersecurity teaching lab, the Security Operations Centre, which will enable rich experiential learning activities that will set this program apart.

Admission Requirements

- Applicants require a four-year honours degree in computer science or computer engineering, or another discipline with a minor in computer science or computer engineering.
- A minimum average of 75% during the last four semesters of full-time study is required.
- Relevant experience or background knowledge of Data Communication and Networking and Computer Programming
- Applicants with proven skills and working experience in cybersecurity may be considered.
- An English proficiency test is required for applicants whose first language is not English.

Application Deadline:
July 1st *

* Offers of admission to be made following OUCQA program approval

ARE YOU INTERESTED IN:

- security architecture
- digital forensics
- threat intelligence
- attacks and defenses
- privacy
- cryptography

CAREER OPPORTUNITIES:

- security architect
- security engineers
- security analyst
- penetration tester
- forensic analyst

CONTACT INFORMATION

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