Why GRADUATE STUDIES in COMPUTING?

The School of Computing is active in research on a broad range of topics, with a strong research record. Research areas include: Biomedical Computing, Cloud Computing, Databases, Data Mining, Mobile Networks, Software Engineering, Human-Machine Learning, Algorithms, Computational Linguistics, Theoretical Computer Science, Computational Geometry, Graph Theory, Artificial Intelligence, Parallel Systems, and Programming Languages. We are finding methods to make data more secure, software more reliable, and computers more intelligent.

“The cutting-edge research, world-renowned supervisors, unparalleled social experience, and a devotion to school life […] result in nothing short of awesome.”

– Eric Rapos, PhD student

Why QUEEN’S?

The Queen’s School of Computing offers a graduate program that is unique in its quality, diversity, innovation and reach. Our faculty and students are engaged in research projects that span the spectrum of traditional computer science, while at the same time exploring areas never visited before. Some of us are discovering properties of certain computers that are radically different from the ones we have today, in the sense that a bit is the spin of an atom, or a register is a strand of DNA. Others are building organic interfaces for humans to communicate with computers. At Queen’s you will find a School reputed for its academic excellence and the wonderful atmosphere it enjoys.

Program STRUCTURE

Research MSc (4-6 terms) course work and thesis, funded Project MSc (2-3 terms): course work and project, unfunded Course work MSc (2 terms).

RESEARCH Areas

- Artificial Intelligence
- Biomedical Computing
- Data Analytics
- Databases and Cloud Computing
- Data Mining
- Game Development
- Human Computer Interaction
- Mobile Computer Networking
- Software
- Theory

We encourage you to identify an area of research interest and contact a potential supervisor before applying.

Visit the School of Computing website to read faculty profiles and learn more about faculty members’ research areas. When you find a faculty member with similar research interests to yours, contact him/her and tell them about your interest in graduate work and related experience.
This map is intended to provide suggestions for activities and careers, but everyone’s abilities, experiences, and constraints are different. Build your own Grad Map using our online My Grad Map tool.
Application FAQs

What do I need to know to APPLY?

ACADEMIC REQUIREMENTS
- Undergraduate degree with a concentration in Computing Science.
- Candidates with high academic standing in an undergraduate degree other than computing science, who have some computing science background may be admitted as graduate preparatory students.
- Grade requirements: minimum upper second class standing (B+ average).

ADDITIONAL REQUIREMENTS
- If English is not a native language, prospective students must meet the English language proficiency requirements in writing, speaking, reading, and listening. The School of Graduate Studies requires the following minimum scores: TOEFL (paper-based): 550, (2) TOEFL iBT: Writing (24/30); Speaking (22/30); Reading (22/30); Listening (20/30), for a total of 88/120 (applicants must have the minimum score in each test as well as the minimum overall score), or (3) IELTS: 7.0 (academic module overall band score), or (4) PTE Academics: 65.

KEY DATES & DEADLINES
- Application due: January 15th for both September and January admissions.
- Notification of acceptance: Between February and June.

Before you start your application, please review the Graduate studies application process.

What about FUNDING?

MSc students in the research stream receive minimum funding of $19,500 per year. The other streams (course work and project) are funded by the student.

Apply for external funding from OGS, NSERC and other sources. Queen's will automatically issue a one time $5,000 award to incoming Masters students who have won federal government tri-council awards. For more information, see the School of Graduate Studies' information on awards and scholarships.