

Computing MSc Map

Applying to and Navigating Graduate Studies

Why Graduate Studies in Computing?

The School of Computing is actively engaged in research on a broad range of topics, with an eminent research record. Research areas include: Artificial Intelligence, Biomedical Computing, Data Analytics, Human Computer Interaction and Gaming, Security, Software Engineering, Systems, and Networks and Theory of Computation. We are finding methods to make data more secure, software more reliable, and computers more intelligent.

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



"The cutting-edge research, world-renowned supervisors, unparalleled social experience, and a devotion to school life [...] result in nothing short of awesome."
– Dr. Eric Rapos, Alumni

- Artificial Intelligence
- Biomedical Computing
- Data Analytics
- Human Computer Interaction and Gaming
- Security
- Software Engineering
- Systems and Networks
- Theory of Computation

graduate work and related experience.

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 them and tell them about your interest in

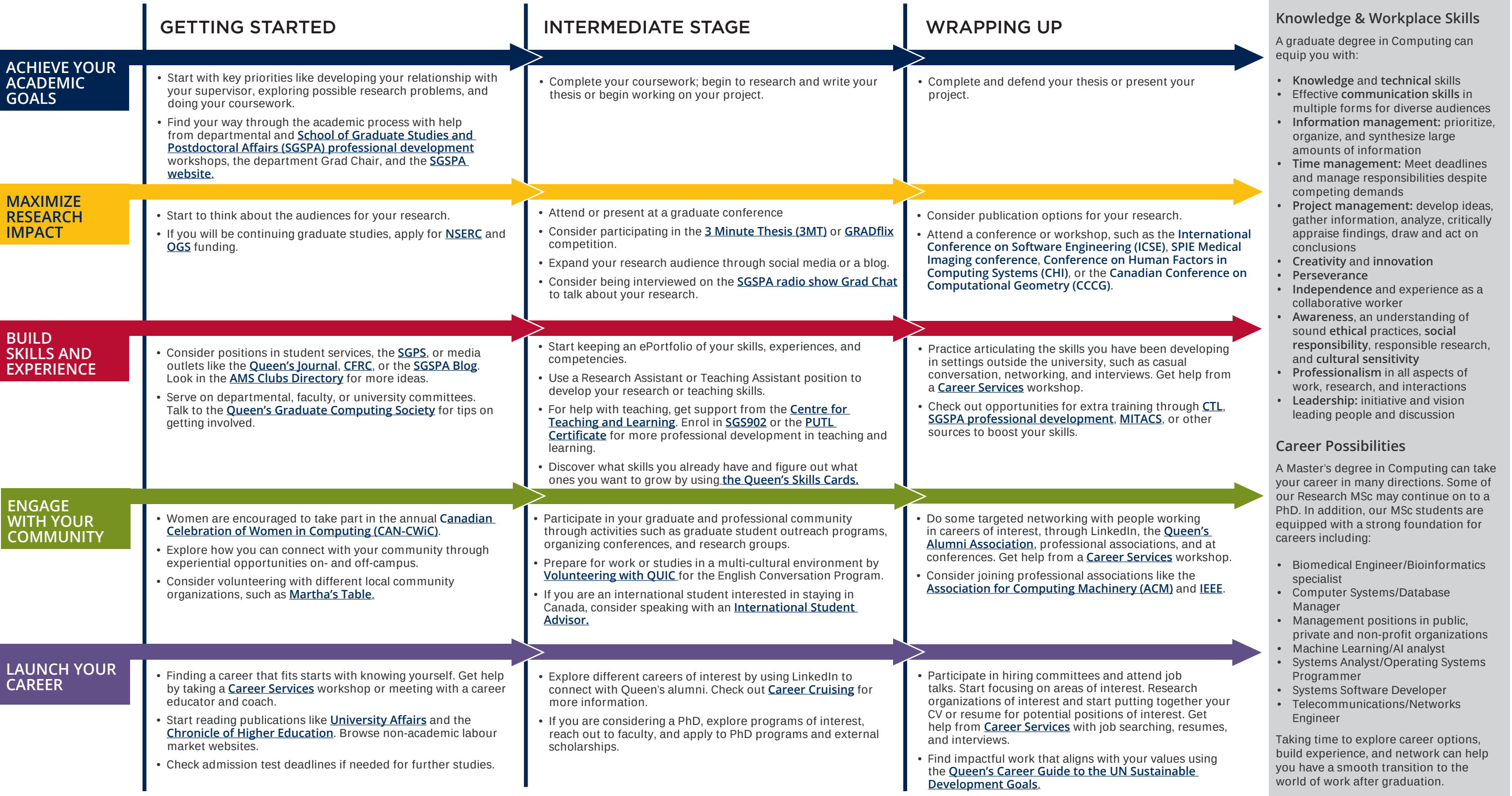


Computing MSc Map

MASTER OF SCIENCE (MSc)

How to use this map

Use the 5 rows of the map to explore possibilities and plan for success in the five overlapping areas of career and academics. To make your own custom map, use the My Grad Map tool: careers.queensu.ca/gradmaps.



Graduate Studies FAQs

How do I make the most of my time at Queen's?

Use the Grad Map to plan for success in five overlapping areas of your career and academic life. Everyone's journey is different - the ideas on the maps are just suggestions to help you explore possibilities. For more support with your professional development, take advantage of the SGSPA professional development framework and the new Professional Development Plan (PDP) process to set customized goals to help you get career ready when you graduate.

Where can I get help?

Queen's provides you with a broad range of support services from your first point of contact with the university through to graduation. Ranging from help with academics and careers, to physical, emotional, or spiritual resources – our welcoming environment offers the programs and services you need to be successful, both academically and personally. Check out the [SGSPA website](#) for available resources.

What is the community like?

Queen's offers graduate students from every discipline a close-knit intellectual community where they can learn, discover, and build lasting connections. With more than 130 graduate programs across 50+ departments and research centres, students benefit from world-class scholars, prize-winning professional development, generous funding packages, and life in the historic waterfront city of Kingston. The campus sits at the heart of Kingston, just a 10-minute walk from downtown's shops, restaurants, and waterfront, and is deeply integrated with the local community. For more on Kingston's history and culture, see Queen's University's Discover Kingston page.

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

- Official transcripts from all post-secondary institutions, two academic letters of recommendation, CV and Statement of interest.
- After submitting the application for research-based or project-based MSc programs, correspond with potential supervisors.
- If English is not a first language, nor was the language of instruction in undergraduate studies, prospective students must meet English language proficiency requirements in writing, speaking, reading, and listening as part of the application process, and before final acceptance is granted, as per School of Graduate Studies and Postdoctoral Affairs' regulations.

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 domestic students in the research stream currently receive \$22,500 per year, while international students receive \$29,500 per year. The funding package may consist of external graduate awards (such as NSERC, VECTOR Scholarship, OGS), graduate research fellowships, and internal fellowships. If a student receives a teaching assistantship, it serves as an additional top-up to the minimum guaranteed funding.

Apply for external funding from OGS, NSERC, and other sources. For more information on awards and scholarships, consult the School of Graduate Studies and Postdoctoral Affairs' website.

