How do I **USE THIS MAP?**

Whether you are considering or have embarked on graduate studies at Queen’s, use this map to plan for success in five overlapping areas of your career and academic life. The map helps you explore possibilities, set goals and track your individual accomplishments. Everyone’s journey is different – the guide offers options for finding your way at Queen’s and setting the foundation for your future. To make your own customized map, use the online [My Grad Map](#) tool.

**Why GRADUATE STUDIES in CHEMISTRY?**

A degree from Queen’s Department of Chemistry is highly regarded and an important consideration in today’s competitive science and technology job market. Our new $56 million state of the art building is home to the Nuclear Magnetic Resonance facility and its eight high-field instruments, an on-site Mass Spec facility with four mass spectrometers, an X-ray diffractometer, a CFI-funded facility for materials characterization and more unique equipment in faculty labs.

**Why QUEEN’S?**

“My years at Queen’s have left me with nothing but good memories. It was a great experience, a great city and a great education. It was a solid foundation to launch a career.”

– Will N. Rogers, PhD

Queen’s University and the Department of Chemistry enjoy international reputations. With 25 award-winning faculty, and over 130 graduate students, post-doctoral fellows and research associates performing cutting-edge research in a multitude of areas, you will find this an exciting place to do research. Research is performed in the areas of analytical, inorganic, organic, physical, polymer, and theoretical chemistry. Research in these areas ranges from the most fundamental to very applied.

At Queen’s, graduate students from all disciplines learn and discover in a close-knit intellectual community. You will find friends, peers and support among the graduate students enrolled in Queen’s more than 130 graduate programs within 50+ departments & research centres. With the world's best scholars, prize-winning professional development opportunities, excellent funding packages and life in the affordable, historic waterfront city of Kingston, Queen’s offers a wonderful environment for graduate studies.

**Why KINGSTON?**

Described by students as both “quaint” and “eclectic,” Kingston is big enough to provide all the conveniences of modern life, and small enough for students, staff, and faculty to feel instantly comfortable and at home.

Queen’s is an integral part of the Kingston community, with the campus nestled in the core of the city, only a 10-minute walk to downtown with its shopping, dining and waterfront. For more about Kingston’s history and culture, see Queen’s University’s [Discover Kingston](#) page.

**Program STRUCTURE**

M.Sc. (2 years): course work and thesis.

**RESEARCH Areas**

- Analytical/Environmental
- Biological
- Inorganic/Organometallic
- Materials/Polymer
- Organic
- Physical
- Theoretical/Computational

**School of Graduate Studies**

Create an impact

[www.queensu.ca/sgs](http://www.queensu.ca/sgs)
Visit careers.queensu.ca/gradmaps for the online version with links!
M.Sc. Map FAQs

What do I need to know to apply?

ACADEMIC REQUIREMENTS

• 4 year Honour's degree in Chemistry or a related science, including Biochemistry, Chemical Physics, Materials Science, or Chemical Engineering.

• Grade requirements: minimum upper second class standing (B+ average).

ADDITIONAL REQUIREMENTS

• Correspond with potential supervisors.

• If English is not a native language, prospective students must meet the TOEFL requirements in writing, speaking, reading, and listening.

KEY DATES & DEADLINES

• Application due: March 1st to be considered for awards. Later applications are accepted.

• Notification of acceptance: Accepted students are notified as the applications are reviewed.

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

How do I find a supervisor?

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

Visit the Chemistry Department 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.

What about funding?

M.Sc. students in Chemistry receive minimum funding of $23,000 per year. Many students are awarded scholarships and awards, which allow them to exceed this level of income.

Apply for external funding from OGS, NSERC and other sources. Queen’s will automatically issue a $5,000 top-up to Masters winners of federal government tri-council awards. For more information, see the School of Graduate Studies’ information on awards and scholarships, or see what awards are offered through the Chemistry Department.

Where Can a Graduate Degree Take Me?

A Master’s degree in Chemistry can take your career in many directions. Many of our MSc students choose to continue their academic inquiry with a PhD. Our Master's students are equipped with a strong foundation for careers in:

• Research chemist
• Research engineer
• Scientist
• Technical leader
• ICP Analyst
• Professor

Taking time to explore career options, build experience, and network can help you have a smooth transition to the world of work after graduation.

M.Sc. Career Outcomes in the Physical Sciences


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