Application FAQs

What do I need to know to APPLY?

ACADEMIC REQUIREMENTS
- 4-year Bachelor’s degree in Engineering or a cognate science.
- Grade requirements: minimum B (70%+) average over the four years of undergraduate study. Grades in specific courses in the final two years are also considered.

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 86/120 (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 deadlines: March 1st.
- Notification of acceptance: 2-3 months after the full application has been received.

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

What about FUNDING?

Civil Engineering M.Eng. graduate students are required to be self-funded.

Why GRADUATE STUDIES in CIVIL ENGINEERING?
As a Master’s student in the field of Civil Engineering, you can play a vital role in future developments in such areas as rock mechanics, design of foundations, water quality, sediment transportation, pipeline flow, construction and rehabilitation of structures, and many other areas. Civil Engineering has a wide range of applications that contribute to modern life and its infrastructure.

Graduate students and their work are an important part of an ongoing research process that provides the community with ways of understanding natural, cultural, imaginative, social and technological phenomena. Check out whygradstudies.ca for more reasons to choose graduate studies in engineering.

Why QUEEN’S?
As a Master’s student in Civil Engineering at Queen’s you are part of one of the most research intensive universities in Canada. Our research program is internationally renowned with a wide range of research activities in all of the major specialization areas of Civil Engineering. The Queen’s graduate programs in Civil Engineering are home to some of the finest minds in the fields of civil and environmental engineering. Students have the chance to study engineering in an environment where multidisciplinary research and activities are encouraged and facilitated. Research activity in the Department is generally classified under two fields: Civil Engineering Environment and Civil Engineering Infrastructure.
GETTING STARTED

ACHIEVE YOUR ACADEMIC GOALS

• Start with key priorities like completing your coursework.
• Find your way through the academic process with help from departmental and Expanding Horizons professional development workshops, the department Grad Chair and the SGS Habitat.

MAXIMIZE LEARNING IMPACT

• Consider possible connections between your degree and future careers, and how you can explore topics of interest with coursework and projects.

BUILD SKILLS AND EXPERIENCE

• Consider positions in student services, the SGPS, or media outlets like the Queen’s Journal, CFRC, and the SGSS Blog. Look in the AMS Clubs Directory for more ideas.
• Serve on department or university committees. Talk to the Graduate Student President for tips on getting involved.
• Check out professional development workshops from Expanding Horizons and the Chemical Engineering Department.

ENGAGE WITH YOUR COMMUNITY

• Explore how you can connect with your community through experiential opportunities on- and off-campus.
• Consider volunteering with different community organizations, such as one of the Engineering Society’s Design Teams.

LAUNCH YOUR CAREER

• Finding a career that fits starts with knowing yourself. Get help by taking a Career Services career planning workshop or meeting with a career counsellor. Check out books like So What Are You Going to Do With That? for advice on various career options.
• Start reading publications like University Affairs and the Chronicle of Higher Education. Browse non-academic labour market websites. Stay on the lookout for special events like Graduate Student Career Week to explore your career pathways.
• Check admission test deadlines if needed for further studies.

INTERMEDIATE STAGE

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COMPLETE YOUR COURSEWORK.
• Complete your coursework.
• Complete the module mandatory course(s) in laboratory safety (ECM 801).
• Learn about academic integrity at Queen’s.

WRAPPING UP

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ENSURE THAT YOU HAVE ENOUGH CREDITS TO GRADUATE.
• Attend or present at a graduate conference, such as the Canadian Society for Civil Engineering Annual Meeting. Your supervisor can advise as to which conference would be best for you.
• Join an Engineering Society Design Team to contribute your classroom knowledge to a real-world engineering project.

PRACTICE ANTLICING THE SKILLS YOU HAVE BEEN DEVELOPING IN SETTINGS OUTSIDE THE UNIVERSITY, SUCH AS CASUAL CONVERSATION, NETWORKING, AND INTERVIEWS. GET HELP FROM A CAREER SERVICES WORKSHOP.
• Practice articulating the skills you have been developing in settings outside the university, such as casual conversation, networking, and interviews. Get help from a Career Services workshop.
• Check out opportunities for extra training through CTL, Expanding Horizons, Mitacs, or other sources to boost your skills.
• Investigate internships from Mitacs and other sources.

WHAT WILL I LEARN?

A graduate degree in Civil Engineering can equip you with valuable and versatile skills, such as:

• Knowledge and technical skills
• Effective communication skills in multiple forms for diverse audiences
• Information management: prioritize, organize and synthesize large amounts of information
• Time management: meet deadlines and manage responsibilities despite competing demands
• Project management: develop ideas, gather information, analyze, critically appraise findings, draw and act on conclusions
• Creativity and innovation
• Perseverance
• Independence and experience as a collaborative worker
• Awareness, an understanding of sound ethical practices, social responsibility, responsible research and cultural sensitivity
• Professionalism in all aspects of work, research, and interactions
• Leadership: initiative and vision leading people and discussion

WHERE CAN I GO?

A Master’s degree in Civil Engineering can take your career in many directions. Many of our M.Eng. students choose to continue their academic career with an MAEng or a PhD. Our Master’s students are also equipped with a strong foundation for careers in:

• Academia and Research
• Consulting
• Public sector
• Manufacturing
• Policy and Governance
• Civil Engineering in the public domain
• Law

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

Visit careers.queensu.ca/gradmaps for the online version with links!