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, (computer-based): 213; IELTS: 6.5; TOEFL iBT: 80 (TOEFL requirement based on school’s policies).

**KEY DATES & DEADLINES**
- Application deadline: October 1st.
- Notification of acceptance: 2-3 months after the full application has been received.

Before you start your application, please read 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.

STUDY Areas
- Geotechnical Engineering
- Environmental Engineering
- Hydrotechnical Engineering
- Structural Engineering

Visit the Civil Engineering website to read course descriptions.

Program STRUCTURE

M.Eng (1 year): Complete 8 term length courses pre-approved by the department.
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.

**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 workshop or meeting with a career counsellor.
- Consider putting an article in The Conversation.

INTERMEDIATE STAGE

**WRAPPING UP**

**ACHIEVE YOUR ACADEMIC GOALS**
- Complete your coursework.
- Complete the module mandatory course(s) in laboratory safety (CIV, 801)
- Learn about academic integrity at Queen’s.

**MAXIMIZE LEARNING IMPACT**
- Attend or present at a graduate conference, such as the Canadian Society for Civil Engineering Annual Meeting. Your supervisor can also advise as to which conference would be best for you.
- Set up a meeting with the School of Graduate Studies for a Grad Chat to discuss your research interests.

**ENGAGE WITH YOUR COMMUNITY**
- Participate in your graduate and professional community through activities such as graduate student outreach programs, organizing conferences, and research groups.
- Participate in hiring committees and attend job talks. Start focusing on areas of interest. Research organizations of interest and start putting together your CV or resume for potential positions of interest. Get help from Career Services with job searching, resumes, and interviews.

**LAUNCH YOUR CAREER**
- 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.
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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 appropriate findings, draw and act on conclusions
- Innovation and creativity
- 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 MEng students choose to continue their academic career with an MSc 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!

*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.