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 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.

The Civil Engineering Department’s objective is to provide a broadly-based education in civil engineering which is intrinsically supported by world-class research in the areas of Structural, Geotechnical, Hydrotechnical, and Environmental Engineering.

Program STRUCTURE

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

STUDY Areas

- Geotechnical Engineering
- Environmental Engineering
- Hydrotechnical Engineering
- Structural Engineering

Visit the Civil Engineering website to read course descriptions.
Civil Engineering MEng Map *

**GETTING STARTED**
- 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 website.
- Complete the module courses such as APSC 891.

**INTERMEDIATE STAGE**
- Complete your coursework.
- Learn about academic integrity at Queen’s.
- Set up a meeting with the School of Graduate Studies for a Grad Chat to discuss your research interests.

**WRAPPING UP**
- Ensure that you have enough credits to graduate.
- Attend a major conference in your field, at which former graduate students from Civil Engineering have done exceptionally well. See your supervisor for more guidance.
- Consider putting an article in The Conversation.

**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 MASc 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!
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 following minimum scores are required: (1) TOEFL iBT: Writing (24/30); Speaking (22/30); Reading (22/30); Listening (20/30). Applicants must have the minimum score in each test as well as the minimum overall score, or (2) IELTS: 7.0 (academic module overall band score and a 7.0 for each test band), or (3) PTE Academics: 65, or (4) CAEL CE -70 (minimum overall score).

KEY DATES & DEADLINES
- Application deadline: 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.