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, (internet-based): 80; IELTS: 6.5; or (PTE Academic): 59.
- Undergraduate or graduate studies in a related field.
- Undergraduate degree from an accredited institution.
- Three academic references.
- Proof of English language proficiency.

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 career, 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 SGS HABITAT for available resources.

What about FUNDING?

The basic funding package for Civil Engineering Master’s students may include teaching or research assistantships and graduate awards. The funding package is something to be discussed between yourself and your supervisor before accepting the offer.

Apply for external funding from OGS, NSERC and other sources. Queen’s will automatically apply for available resources.

Why QUEEN’S?

As a Master’s student in 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 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.

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RESEARCH Areas

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

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

Visit the Civil Engineering website to read about research areas and learn more about faculty members’ research specialization. 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.
A graduate degree in Civil Engineering can equip you with:

- 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 MASc students choose to continue their academic inquiry with a PhD. Our Master’s students are 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.