



# DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

McGill University's Department of Civil Engineering and Applied Mechanics has been shaping the environment of Montreal, Quebec, Canada and the world for 150 years. Approximately 20 professors and 150 graduate students work on innovative research that is influencing the future of infrastructure design, construction and sustainability. This is complemented with graduate courses that train students for work in industry, government and academia. The MEng program offers students an environmental engineering option where students may take complementary courses offered by the Departments of Bioresource, Chemical, and Mining and Materials engineering.

## Program Information

### Master of Engineering (MEng Thesis) or Master of Science (MSc Thesis)

- **Admission requirements:** Recognized undergraduate degree in a related discipline, with a 3.0/4.0 cumulative grade point average or a 3.2/4.0 grade point average over the last two years of study.
- **Program length:** Full-time for 20-24 months (45 credits) which includes graduate coursework (17 credits), a research thesis (27 credits) and a research seminar (1 credit).

### Master of Engineering (MEng Non-Thesis)

The Master of Engineering Non-Thesis program offers both general and environmental options.

- **Admission requirements:** Recognized undergraduate degree in a related discipline, with a 3.0/4.0 cumulative grade point average or a 3.2/4.0 grade point average over the last two years of study.
- **Program length:** Full-time for 20-24 months (45 credits), which includes graduate coursework (30-40 credits) and a research project (5-15 credits). For environmental engineering option, coursework may be substituted for the research project.

### Doctor of Philosophy (PhD)

- **Admission requirements:** Recognized Master's degree in a related discipline, with a 3.0/4.0 cumulative grade point average or a 3.2/4.0 grade point average over the last two years of study. Possibility of direct transfer to a doctoral program after admission to the MEng or MSc Thesis programs.
- **Program length:** Full-time for approximately 3-4 years. Students must pass an oral Qualifying Exam, and submit and successfully defend a Doctoral Thesis.

**Note:** Applicants whose mother tongue is not English may be required to submit proof of competency in oral and written English (i.e. TOEFL or IELTS).

## Admission Deadline

- For fall or summer entry, January 15 for both domestic and international students.
- For winter entry, September 15 for international students and October 15 for domestic students.

## Research Areas

- Applied Mechanics
- Environmental Engineering
- Geomechanics and Geotechnical Engineering
- Hydraulic and Water Resources Engineering
- Structural Engineering and Construction Materials
- Transportation Engineering

## Contact

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