

DEPARTMENT OF CIVIL ENGINEERING

Civil engineering is concerned with virtually all aspects of the urban habitat and the interactions between built, natural and human environments. Our research creates the knowledge that drives several key sectors of the economy, including construction, mining and transportation.

Collaboration is at the heart of what we do. We work closely with partners in industry and world-class institutions across the world, as well as research centres and institutes within the University of Toronto, including the Centre for Resilience of Critical Infrastructure, Global Cities Institute, Lassonde Institute of Mining and University of Toronto Transportation Research Institute.

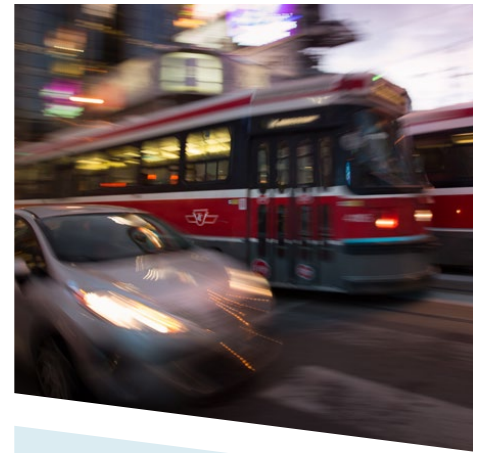
Our graduate students conduct research in a broad range of topics including our major areas of research and teaching, listed at the right. Toronto is the ideal place for a graduate student in civil engineering. Our strength is in the comprehensive nature of our research capability, from nano-scale materials research to the world's largest infrastructure, and everything in between. Our graduates are in demand and are usually in a position to choose from several attractive job offers upon graduation.

We offer the following graduate degrees in our department:

Civil Engineering: MEng, MAsC, PhD

Cities Engineering and Management: MEngCEM

Engineering Education: Master's and PhD programs in partnership with the Ontario Institute for Studies in Education



DEPARTMENT AT A GLANCE

- » Ranked #1 in Canada in the 2013 Times Higher Education-Thomson Reuters World University Rankings for Civil & Structural Engineering
- » Received more than \$8.3 million in research operating funding in 2013–2014
- » More than 270 graduate students from across Canada and around the world
- » Alumni network of more than 6,800 globally

RESEARCH AREAS

- » Building Science
- » Construction Management
- » Engineering Education
- » Environmental Engineering
- » Geomechanics and Mining
- » Structural Engineering
- » Transportation Engineering and Planning

FOR FURTHER INFORMATION, CONTACT:

CivE Graduate Studies Office

Alison Morley, Admissions Coordinator
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www.civil.engineering.utoronto.ca

35 St. George Street, Room 105
Toronto, Ontario, M5S 1A4 Canada



MASTER OF ENGINEERING

This program provides you with advanced professional training in civil engineering. You can complete your MEng by coursework only, or by combining coursework with a design project.

Areas of Emphasis: Advanced Water Technologies & Process Design; Entrepreneurship, Leadership, Innovation & Technology in Engineering (ELITE); Engineering & Globalization; Robotics & Mechatronics

Admission Requirements: Mid-B average (75% or international equivalent) in each of the final two full years of your bachelor's degree (typically in civil engineering).

MEng

Length of Study: One year of full-time study. On a part-time basis, the requirements of the degree must be completed within six years.

Fields of Study for MEng: Building Science; Concrete; Construction Management; Geomechanics; Environmental Engineering; Sustainable Urban Systems; Structural Engineering; Transportation Engineering and Planning

Domestic Tuition (2014–2015, full-time): \$12,250

International Tuition (2014–2015, full-time): \$39,580

Deadline: Apply by August 1 (International students) and October 1 (Domestic students) to start in January 2015.

Apply by April 1 (International students) and June 1 (Domestic students) to start in September 2015.

We also offer a **Master of Engineering in Cities Engineering & Management (MEngCEM)** program. This degree enables engineers to address pressing issues that face cities and create solutions that are sustainable, socially engaging and economically feasible. The MEngCEM includes coursework and a paid, hands-on practicum. Visit www.uoft.me/mengcem for further details.

MASTER OF APPLIED SCIENCE

This program includes a foundational base of five graduate courses along with a research thesis that is closely supervised by a professor. Many research projects involve industrial partnerships and networking opportunities, project management experience and collaboration with leading experts in the field of study. The MASc can be an entry point to PhD programs, but also serves as an excellent standalone professional degree. The program includes a guaranteed funding package with students receiving \$15,000 plus tuition and fees for 20 months.

Admission Requirements: A four-year degree (or equivalent) in engineering or the physical/chemical/biological sciences with a B+ average (or equivalent) in each of the final two years.

MASc

Length of Study: Twenty to 24 months of full-time study

Domestic Tuition (2014–2015, full-time): \$7,115

International Tuition (2014–2015, full-time): \$18,620

Deadline: Apply by February 1 for a September 2015 start.

Please Note: We encourage you to contact potential supervisors prior to applying.

DOCTOR OF PHILOSOPHY

This program is designed for outstanding individuals interested in a rewarding career in fundamental or applied research. The PhD program involves advanced courses and an intensive research program culminating in a thesis. PhD students receive \$15,000 plus tuition and fees for up to four years of study.

Admission Requirements: A- average in each of the last two years of bachelor's and master's study. Current MASc students within our department can apply to fast-track into the PhD program before completing the MASc degree requirements.

PhD

Length of Study: Four years of full-time study

Domestic Tuition (2014–2015, full-time): \$7,115

International Tuition (2014–2015, full-time): \$18,620

Deadline: Apply by February 1 for a September 2014 start.

Please Note: We encourage you to contact potential supervisors prior to applying.

English Facility Requirements: There is a minimum English facility requirement for all applicants educated outside Canada whose primary language is not English. It is a requirement of admission and should be met before applying for admission. Please visit www.gradstudies.engineering.utoronto.ca/EPT to determine whether you are required to take a test and for a list of accepted tests and their minimum required scores.