

THE EDWARD S. ROGERS SR. DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING

With more than 75 professors and 550 graduate students, this department is buzzing with innovative research.

In the last few decades, we have witnessed exciting new discoveries and developments in almost every aspect of electrical and computer engineering, including microelectronics, computers, communication networks, photonics, alternative energy systems and many others. The fields of computers and communications are coalescing and leading to opportunities that are limited only by our imagination.

We are proud of the many awards, fellowships and other forms of recognition that members of our department have received. Among our faculty, there are three University Professors (the highest honour given by the University of Toronto), numerous endowed Chairs and Canada Research Chairs, and more than 25 IEEE Fellows. With more than 430,000 members in more than 160 countries, the IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence.

At the root of our success is collaboration. By working with top researchers from across Canada and around the world and creating partnerships with industry, we are able to offer students superior academic and professional opportunities.

We offer the following graduate degrees in our department:

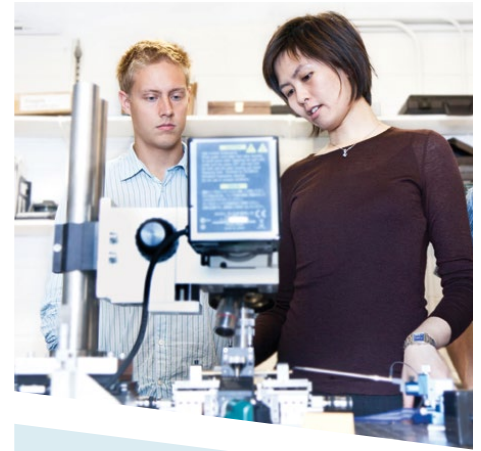
Master of Engineering (MEng)

Master of Applied Science (MAsc)

Doctor of Philosophy (PhD)



The Edward S. Rogers Sr. Department
of Electrical & Computer Engineering
UNIVERSITY OF TORONTO



DEPARTMENT AT A GLANCE

- » Home to 23 research chairs
- » Received more than \$17.8 million in research funding in 2013
- » More than 550 graduate students from across Canada and around the world
- » Our research has resulted in more than 200 invention disclosures since 2008

RESEARCH AREAS

- » Biomedical Engineering
- » Communications
- » Computer Engineering
- » Electromagnetics
- » Electronics
- » Energy Systems
- » Photonics
- » Systems Control

FOR FURTHER INFORMATION, CONTACT:

ECE Graduate Office

416-978-5804

ecegradoffice@utoronto.ca

www.ece.utoronto.ca

10 King's College Road, Room 1107
Toronto, Ontario, M5S 3G4 Canada

MASTER OF ENGINEERING

This program provides you with advanced professional training in one of eight fields of concentration. As a course-based degree, you can complete it in just one year of full-time study. The MEng is an excellent way to differentiate yourself in today's competitive marketplace.

Areas of Emphasis: Entrepreneurship, Leadership, Innovation & Technology in Engineering (ELITE); Engineering & Public Policy; Engineering & Globalization; Robotics & Mechatronics.

Admission Requirements: Applicants must hold the equivalent of a U of T four-year bachelor's degree in electrical or computer engineering, or a related field (e.g., computer science, mathematics, physics).

MASTER OF APPLIED SCIENCE

The MAsc provides advanced study and research in a major field. This is a full-time program and requires the completion of courses and a research thesis. Many students pursue the MAsc with a goal of ultimately studying at the doctoral level. As an MAsc student, you will be eligible to receive annual support of \$15,000, plus tuition and fees, for two years of study.

Admission Requirements: Applicants must hold the equivalent of a U of T four-year bachelor's degree in electrical or computer engineering, or a related field (e.g., computer science, mathematics, physics). You must also be able to demonstrate significant potential for research.

DOCTOR OF PHILOSOPHY

The PhD is intended for exceptional individuals who wish to pursue a career in fundamental or applied research. You will complete courses, a field comprehensive examination and a research thesis. As a PhD student, you will be eligible to receive annual support of \$15,000, plus tuition and fees, for four years of study.

Admission Requirements: The equivalent of a U of T MAsc degree, with thesis, in electrical or computer engineering, or a related field (e.g., computer science, mathematics, physics). Direct entry to the PhD program may be available to exceptionally qualified students with a four-year bachelor's degree or equivalent. Current MAsc students within our department may be able to fast-track to the PhD program.

MEng

Length of Study: One year of full-time study. Extended full-time and part-time options are also available.

Fields of Concentration: Biomedical Engineering; Communications; Computer Engineering; Electromagnetics; Electronics; Energy Systems; Photonics; Systems Control

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

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

Deadline: To start in September 2015 or January 2016, application must be completed (including two references) by April 1 for International and by June 1 for Domestic.

Please Note: We advise you to secure two referees and prepare a statement of intent and curriculum vitae prior to submitting your application. Early applications will receive an early decision.

MAsc

Length of Study: Two years of full-time study

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

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

Deadline: To start in September 2015 or January 2016, application must be completed (including two references) by December 1 for Priority Consideration and by January 7 for regular deadline.

Please Note: We advise you to secure two referees and prepare a statement of intent and curriculum vitae prior to submitting your application. We also encourage you to contact prospective supervisors prior to applying.

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: To start in September 2015 or January 2016, application must be completed (including two references) by December 1 for Priority Consideration and by January 7 for regular deadline.

Please Note: We advise you to secure two referees and prepare a statement of intent and curriculum vitae prior to submitting your application. We also encourage you to contact prospective supervisors prior to applying.

English Facility Requirements: Proof of English proficiency is required for applicants who will not have completed a degree in Canada, the U.S., the U.K., Australia, New Zealand or the Republic of Ireland. 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.