



DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

McGill University's Department of Electrical and Computer Engineering boasts extensive research interests and facilities involving approximately 50 faculty members and 300 graduate students. Graduate students can engage in innovative research touching a wide range of topics from machine learning to power distribution, computer vision to photonic systems and nano-electronic devices. All professors are active researchers; many have garnered recognition for their commitment to excellence. Alumni of McGill's Electrical and Computer Engineering graduate programs can be found working in the world's leading companies and universities, and some have turned their research into successful businesses.

Program Information

Master of Engineering (MEng Thesis)

- **Admission requirements:** Recognized undergraduate degree in Electrical, Computer or Software Engineering or a closely related field, 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 full-time study. An applicant holding a degree in another field of engineering or science will be considered but a qualifying year may be required to make up any deficiencies.
- **Program length:** Full-time for 18-36 months or part-time up to 60 months (46 credits), which includes graduate coursework (18 credits) and a research thesis (28 credits).

Master of Engineering (MEng Non-Thesis)

- **Admission requirements:** Recognized undergraduate degree in Electrical, Computer or Software Engineering or a closely related field, 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 full-time study. An applicant holding a degree in another field of engineering or science will be considered but a qualifying year may be required to make up any deficiencies.
- **Program length:** Full-time for 18-36 months or part-time up to 60 months (47 credits), which includes graduate coursework (27-36 credits) and a research project (11-20 credits).

Doctor of Philosophy (PhD)

- **Admission requirements:** In addition to satisfying the requirements for MEng admission, applicants must hold a suitable Master's degree from a recognized University, with a 3.0/4.0 cumulative grade point average.
- **Program length:** Full-time for approximately 3-4 years. Students must complete a Qualifying Exam, Research Proposal, Research Seminar and Doctoral Thesis and Defence.

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). Applicants who have not completed a Bachelor or Master's degree in Canada must provide a GRE score on the General Aptitude Test.

Admission Deadline

- For fall entry, January 15 for both domestic and international students.
- For winter entry, September 1 for international students and October 15 for domestic students.

Research Areas

- Bio-Electrical Engineering
- Computational Electromagnetics
- Integrated Circuits and Systems
- Intelligent Systems
- Nano Electronic Devices and Materials
- Photonics Systems
- Power Engineering
- Software Engineering
- Systems and Control
- Telecommunications and Signal Processing

Contact

Graduate Program Coordinator
Department of Electrical and
Computer Engineering

Email: grad.ece@mcgill.ca
Tel: (+1) 514-398-7344 or 1406



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