

GRADUATE PROGRAMS IN

Electrical and Computer Engineering

Carleton is recognized as a world leader in electrical and computer engineering. (ECE).



Carleton's renowned researchers work in areas such as:

- Cloud/distributed computing
- Software engineering
- Cyber security
- Speech/signal/image processing and telecommunications
- Modeling and simulation
- Machine learning
- Nanotechnology
- Quantum/optical computing
- Sensor nets
- Robotics
- Artificial intelligence
- Integrated circuit design
- Microwaves and RF
- And many others

Our graduate electrical and computer engineering programs are offered jointly by the Department of Systems and Computer Engineering (carleton.ca/sce) and the Department of Electronics (doe.carleton.ca) at Carleton, in conjunction with the University of Ottawa via the Ottawa-Carleton Institute for Electrical and Computer Engineering (OCIECE). This grants our students access

to the largest selection of courses in electrical, systems, computer, and software engineering at any Canadian University.

We offer an MASc which requires the completion of a research thesis, an MEng which is coursework-only or coursework plus a project, and a PhD. At the master's level, we also offer a specialization in Data Science, and concentrations in Software Engineering and Modeling and Simulation. Moreover, at the PhD level, we offer a concentration in Software Engineering. Both the MASc and MEng programs in Electrical and Computer Engineering also offer a specialization in Climate Change.

Degrees Offered

MASc, MEng, PhD

Career Options

Our location in the nation's capital allows for collaboration with

relevant government departments, the National Research Council Canada, the Communications Research Centre Canada, and high-tech industries in the aerospace, telecom, automotive, and service industries, for example. Your proximity to these facilities ensures that your potential career is just around the corner.

Fall Application Deadline

Before **March 1**

Admission Requirements

MASTER'S: A bachelor's degree with an average of at least B+ or higher in electrical engineering, computer science, systems, software engineering, or a closely-related discipline from a recognized university.

PHD: A master's degree with a thesis in electrical engineering, computer science, systems, software engineering, or a closely-related discipline from a recognized university. Your master's thesis topic must be in an appropriate area and of acceptable quality.

Contact Info

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