Application FAQs

What do I need to know to APPLY?

ACADEMIC REQUIREMENTS
- Honours Bachelor degree in Engineering (any) or Science (closely related field).
- Grade requirements: Minimum cumulative average of 73% or 8 from Canadian or US Universities, or 80% for international students.

ADDITIONAL REQUIREMENTS
- Curriculum Vitae.
- English Proficiency Requirements as listed on the ECE graduate website.

KEY DATES & DEADLINES
- Application due: January 31 (international), March 1 (domestic).
- Notification of acceptance: usually before the end of April for international students, end of May for domestic students.

Before you start your application, please review the Graduate studies application process.

What about FUNDING?

MEng. student in a course work program do not receive financial support.

Students who receive permission to enroll in our Industrial Internship Option can receive funding as interns (ELEC 895) from the industry partner.

Why GRADUATE STUDIES in ELECTRICAL & COMPUTER ENGINEERING?

As a MEng student in the important field of Electrical and Computer Engineering (ECE), you can play a vital role in future developments in such areas as microchip design, bioelectronics, machine intelligence, autonomous vehicles & robots, next-generation internet, fibre optics, communications & wireless networks, network security, power engineering, green energy, and thousands of other areas. Almost every aspect of modern life is impacted by electrical and computer engineering.

The MEng program is a course work based professional program that suits students who are interested in acquiring advanced engineering knowledge and skills to enhance employment opportunities as a technical specialist in industry. Through an industry internship option, the program offers the student an opportunity to connect knowledge with current industry practice.

Why QUEENS’?

As a MEng student in ECE at Queen’s you are part of one of the most research intensive universities in Canada. Our research program is internationally renowned with a wide range of research activities in all of the major specialization areas of electrical and computer engineering.

Queen’s ECE offers a number of cross-disciplinary opportunities in collaboration with the departments of Mathematics & Statistics, Physics, Computing, Mechanical Engineering, Mining, the School of Kinesiology and Health Studies, as well as a collaborative graduate program in Computational Science and Engineering.

Our students come from all over the world. At Queen’s, graduate students from all disciplines learn and discover in a close-knit intellectual community.
**Getting Started**

- Start with key priorities like completing your coursework.
- Attend the Departmental Speaker Series (EIEC 897).

**Intermediate Stage**

- Complete your coursework.
- Complete the Academic Integrity Tutorial.
- Find your way through the academic process with help from departmental and expanding horizons professional development workshops, the department Grad Chair and the SGSS Habitat.

**Wrapping Up**

- Finish your coursework and ensure you have enough credits to graduate.

**Achieve Your Academic Goals**

- Participate in innovation activities, such as the Queen's Innovation Connector.
- Attend an "Engineering Internship and Other Program Options" information session to learn about the program options.

**Maximize Learning Impact**

- Participate in innovation activities, such as the Queen's Innovation Connector.
- Attend a graduate conference, such as an IEEE sponsored conference.
- Start keeping an eportfolio of your skills, experiences and competencies.

**Build Skills and Experience**

- Serve on departmental, faculty or university committees. Talk to the Graduate Electrical & Computer Engineering (EIEC) student society for tips on getting involved.
- Consider volunteering with different community organizations, such as the Engineering Society Design Teams.
- Apply for work or studies in a multi-cultural environment by taking QRC's Intercultural Competency Certificate.
- If you are an international student interested in staying in Canada to pursue work after graduation, have a smooth transition to the world of work after graduation.

**Engage with Your Community**

- Attend the Departmental Speaker Series (EIEC 897).
- Attend an "Engineering Internship and Other Program Options" information session to learn about the program options.
- Practice articulating the skills you have been developing in settings outside the university, such as casual conversation, networking, and interviews. Get help from a Career Services workshop.
- Investigate internships from Mitacs and other sources. Apply the knowledge gained from coursework in the workplace with a MEng Industrial Internship Program.
- Participate in innovation activities, such as the Queen's Innovation Connector.
- Attend a graduate conference, such as an IEEE sponsored conference.
- Start keeping an eportfolio of your skills, experiences and competencies.

**Launch Your Career**

- Find a job that fits starts with knowing yourself. Get help by taking a Career Services career planning workshop or meeting with a career counselor. Check out books like So What Are You Going to Do With That? for advice on various career options.
- Tune into IEEE messages and publications targeting student members and career building. Learn about the jobs and careers of other ECE grads.
- Participate in your graduate and professional community through activities such as graduate student outreach programs, organizing conferences, and research groups like Material Matters.

**What Will I Learn?**

- Knowledge and technical skills
- Effective communication skills in multiple forms for diverse audiences
- Information management: prioritize, organize and synthesize large amounts of information
- Time management: meet deadlines and manage responsibilities despite competing demands
- Project management: develop ideas, gather information, analyze, critically appraise findings, draw and act on conclusions
- Creativity and innovation
- Perseverance
- Independence and experience as a collaborative worker
- Awareness of an understanding of sound ethical practices, social responsibility, and cultural sensitivity
- Professionalism: in all aspects of work, and interactions
- Leadership: initiative and vision leading people and discussion

**Where Can I Go?**

- A Master's degree in Electrical and Computer Engineering can open new doors in a variety of industries. Some of our MEng students choose to continue their academic career with an MASc or PhD.
- Our Master's students are equipped with a strong foundation for careers in numerous sectors, such as:
  - Tech companies, such as Qualcomm, Ciena, Microsoft, Google, IBM, Cisco Systems, General Dynamics
  - Stamps in all sectors, such as wearable devices, intelligent apps
  - Services such as financial, pension, actuarial, intellectual properties
- Taking time to explore career options, build experience, and network can help you have a smooth transition to the world of work after graduation.

Visit careers.queensu.ca/gradmaps for the online version with links!