



Engineering

Where **innovation**
meets **opportunity**

dal.ca/study-engineering



DALHOUSIE
UNIVERSITY

Truro Campus | Banting Building
39 Cox Rd | Truro NS B2N 5E3
truro.engineering@dal.ca

Halifax Campus | O'Brien Hall
5217 Morris St | PO Box 15000
Halifax NS B3J 1B6 | engineering@dal.ca

IS ENGINEERING AT DALHOUSIE FOR ME?

Engineering touches everyone's lives in countless ways. The opportunities in engineering are virtually limitless, allowing you to pursue a career in almost any field, in any industry, in any location around the world. At Dalhousie, you will work with professors and practitioners in a solutions-oriented learning environment: everyday is a chance to explore real-world problems and graduate with valuable experience, to make a difference in your community and beyond. Our two unique campuses have been designed to provide you with limitless hands-on learning opportunities, both featuring state-of-the-art prototyping labs and classrooms.

WHAT WILL I LEARN?

The first two years, which can be completed in Halifax or Truro, are dedicated to foundational classes in math, science, engineering science, and design. At Dalhousie, we offer students the unique opportunity of exploring your interests before applying to a discipline at the end of your first year. Your third year will mark the transition into your discipline — which you can choose to partner with co-operative education.

Our co-op, extracurricular programs, fieldwork and strong industry partnerships mean you will have many chances to gain work experience, earn money and create career contacts. With an Engineering degree from Dalhousie, you will be equipped with the problem-solving skills you need for lifelong contributions in a field that answers some of today's most pressing concerns.

Throughout your degree you will have access to a wide range of support services to help you thrive. Be a part of a vibrant community that is driven to make positive change in the world and is committed to equity, diversity, inclusion and accessibility.

ENGINEERING DISCIPLINES

All disciplines offer a co-op option

- Chemical
- Civil
- Electrical
- Environmental
- Industrial
- Mechanical

Visit dal.ca/engineering-programs to learn more about our programs.

DID YOU KNOW? Dalhousie offers a certificate option in Biomedical Engineering. Visit dal.ca/biomedical-eng to learn more about the requirements

DALHOUSIE ENGINEERING OPPORTUNITIES

A degree in Engineering from Dalhousie gives you the knowledge and skills you need to be highly employable in a wide variety of areas, whether you decide to launch your career locally, nationally or internationally. The range of career options you'll find in engineering is truly impressive.

Your degree will be an exciting step toward becoming an engineer and an important part of your journey as a life-long learner. Once you complete your degree, you'll be eligible to become an Engineer in Training (EIT) through a professional engineering association.

Our graduates specialize in a wide range of areas:

- Aerospace
- Alternative Energy and Power Systems
- Automation & Robotics
- Biomedical Engineering
- Combat Systems
- Construction
- Consulting
- Data Science & Machine Learning
- Digital Agriculture
- Engineering Mathematics
- Healthcare Analytics
- Project Management
- Simulation Management
- Supply Chain Management
- Sustainable and Renewable Energies
- Structural Engineering
- Systems Processing
- Telecommunications
- Transportation

...and so much more. The opportunities are virtually endless.

COMMUNITY

Our campus communities are vibrant and tight-knit. We have a diverse student population, with a variety of clubs, societies and volunteer opportunities to expand your interests.

Halifax Campus

If city-life is for you, consider studying in the heart of downtown Halifax, where you can complete your degree from start to finish. New additions to our Sexton Campus offer state-of-the-art workshops and prototyping labs with plenty of spaces for students to collaborate and thrive.

Truro Campus

If you prefer a small-town feel, with average class sizes of 20 to 30 people, consider completing the first two years of your degree at our picturesque campus in Truro. A growing and thriving community, Truro is only an hour from Halifax. After completing your first two years (and earning an Engineering Diploma), you will move to the Halifax campus to complete your degree.