COMPUTER SCIENCE AT DALHOUSIE UNIVERSITY
To give you the technical know-how to navigate and succeed in our ever-changing world, Dalhousie’s Faculty of Computer Science offers two undergraduate degrees: Bachelor of Applied Computer Science and Bachelor of Computer Science.

We’ve created a first-year experience that provides you with a great foundation in computer science and problem-solving. Regardless of your program of choice, you will develop programming skills, explore the foundations of computer science and design, and embark on a year long exploration of the social and philosophical impacts of computing.

We have more computer science professors and researchers than any other university in Atlantic Canada. Here, you will learn in an environment rich in leading-edge technology and where hands-on labs will introduce you to a whole new world. We’re closely connected to industry, with endless opportunities for growth through work-term placements, research projects, or networking at fun industry-led events like our game jams.

Technology is everywhere, and computer science graduates are needed in every industry. Our goal is to equip you with the deep technical, problem-solving and leadership skills needed to create new computing technologies and to harness software to empower people, organizations and society. From improving how people interact with today’s social media to helping protect the oceans using data, you can make an impact and find an inspiring career that’s right for you.

[cs dal.ca/undergrad]
Research clearly indicates that gender, racial and skill diversity simply produces better social and economic outcomes – better technology products, services and organizations.

From increasing the number of women in tech to empowering students from different socio-economic backgrounds, our mission is to attract and support the diverse technology talent of tomorrow.

YOUR FIRST YEAR RESOURCES

- Dedicated academic advisors
- Regular & immediate feedback
- Learning Centre with tutors
- Peer course representatives & mentorship
- New classroom technology to tailor student support
- Two undergrad student societies

YOUR SUCCESS IS IMPORTANT TO US.

#WeAreAllCS

2 UNDERGRADUATE DEGREES

30+ COUNTRIES REPRESENTED

35+ PROFESSORS

120+ UNDERGRADUATE COURSES

1000+ UNDERGRADUATE STUDENTS
COMPUTER SCIENCE

BECOME A CREATOR OF NEW TECHNOLOGIES

Gain a deep understanding of the theory, design and application of computer science by exploring a wide range of areas including software development, algorithms, networking and graphics.

By the end of your degree, you will have the knowledge and skills to build, influence and evaluate technology. You’ll not only become a strong programmer, but will master the skills needed to create new and innovative technologies that can shape how we will use computers and interact with each other in the future.

ADMISSIONS

We’re looking for:
- Grade 12 English
- Pre-calculus math
- 3 additional acceptable university-prep courses

Minimum final grades:
- English: 65%
- Pre-calculus math: 75%
- Other subjects: 60%
- Overall average: 70%

COURSES IN

- Software Development
- Operating Systems
- Cybersecurity
- Machine Learning
- Probability & Statistics
- and more!

cs.dal.ca/bcs

Make Your Degree Your Own

97% PLACEMENT RATE FOR OUR STUDENTS IN CO-OP

980+ STUDENTS ENGAGED IN SHIFTKEY LABS, OUR INNOVATION PLAYGROUND
APPLIED COMPUTER SCIENCE

BRIDGE THE GAP BETWEEN TECHNOLOGY AND BUSINESS

Learn to combine a deep understanding in technology with problem-solving, communications and management skills, and develop solutions to real-world problems using proven technologies.

By the end of your degree, you will have the necessary skills to design, manage, and deploy complex technologies within organizations. By gaining knowledge on how to lead teams to analyze and tackle problems, you can help organizations overcome challenges and succeed in today’s increasingly connected world.

COURSES IN

- Database Systems
- Web-Centric Computing
- Designing User Interfaces
- Software Projects
- Information Security
- and more!

We're looking for:

- Grade 12 English
- Academic math
- 3 additional acceptable university-prep courses

Minimum final grades:

- English: 65%
- Academic math: 65%
- Other subjects: 60%
- Overall average: 70%

cs.dal.ca/bacs
Technology is transforming the world. So can you.
Careers in information technology have been identified as among the top five hottest jobs in Canada, and there is a shortage of workers in IT in North America.

That makes this a great time to study computer science.
There are far more jobs than there are potential employees, and careers in computer science have one of the highest paying salaries for undergrads.

Choosing computer science at Dalhousie opens you up to a world of opportunity.
Computer science permeates nearly all human endeavours from business and science to entertainment and medicine. Our graduates have found work across all industry sectors from information communications technology to oceans, healthcare to gaming.